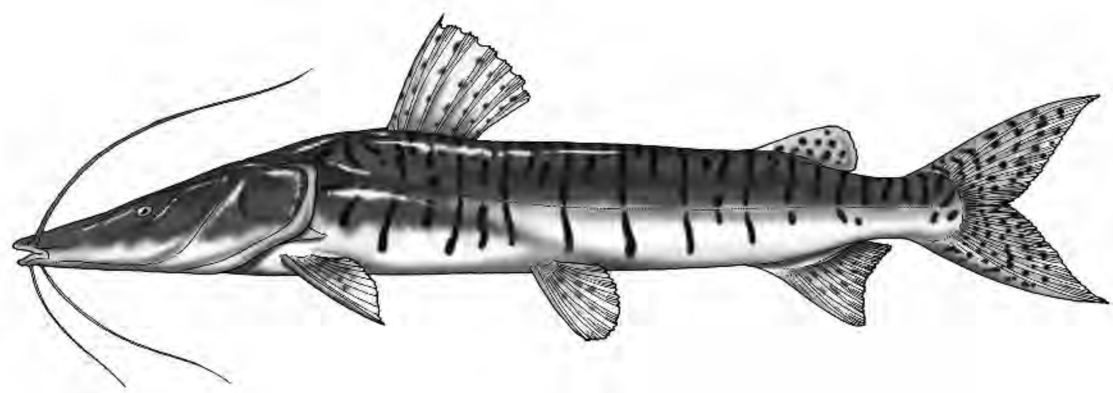
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Checklist of the Freshwater Fishes of Colombia • Listado de especies espinosas de *Solanum* L. (Leptostemonum, Solanaceae) • Anfibios y reptiles en el departamento del Valle del Cauca, Colombia • Peces del Oriente de Antioquia, Colombia • Una nueva especie de *Liotyphlops* Peters, 1881 (Serpentes, Scolecophidia, Anomalepidae) del sur de la Amazonia Colombiana



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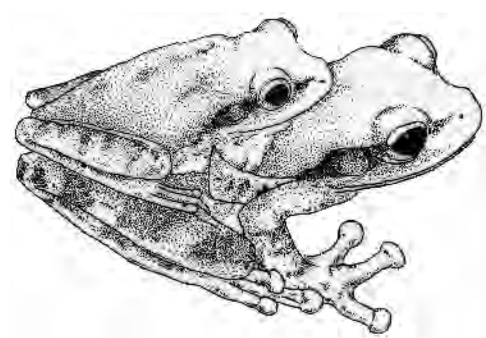
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Checklist of the Freshwater Fishes of Colombia

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Abstract

Data derived from the literature supplemented by examination of specimens in collections show that 1435 species of native fishes live in the freshwaters of Colombia. These species represent 14 orders and 47 families. Orders with the largest numbers of species in the Colombian continental ichthyofauna are the Characiformes (637 species), Siluriformes (524 species), Perciformes (124 species), and Gymnotiformes (74 species), with the remaining 10 orders having from 1 to 35 species. At the family level, the Characidae has the greatest number of species (399 species), with this followed by the Loricariidae (166 species), Cichlidae (114 species), Pimelodidae (54 species), and Trichomycteridae (54 species); the remaining 42 families having 1 to 52 species. Present data indicate that 311 of the species occur solely at locations within Colombia. Continued descriptions of new species from the continental waters of Colombia demonstrate that the present total underestimates the species-level diversity of the ichthyofauna. The 1435 species living in Colombian freshwaters represent approximately 5% of all freshwater and marine fish species now recognized worldwide and approximately 29% of the freshwater fish species known to inhabit the drainages across the expanse from the southern border of Mexico through to Chile and Argentina. Various historical and ecological factors potentially contributing to the species-level richness of the Colombian freshwater fish fauna are discussed (e.g. geology, climate, physiography, water chemistry).

Key words: Diversity, distribution, NW South America, ichthyofauna, Colombia

Resumen

Datos provenientes de literatura, complementados por la revisión de especímenes en colecciones muestran que 1435 especies nativas de peces viven en las aguas dulces de Colombia. Estas especies representan 14 órdenes y 47 familias. Los órdenes con el mayor número de especies son Characiformes (637 species), Siluriformes (524 species), Perciformes (124 species) y Gymnotiformes (74 species); los restantes órdenes tiene de 1 a 35 especies. Al nivel de familia, Characidae posee el mayor número de especies (399 especies), seguida de Loricariidae (166 especies), Cichlidae (114 especies), Pimelodidae (54 especies) y Trichomycteridae (54 especies); las restantes 42 familias tienen de 1 a 52 especies. Los datos presentados indican que 311 especies se encuentran distribuídas solamente en Colombia. La descripción continua de nuevas especies provenientes de las aguas continentales de Colombia, demuestra que el número total de especies registrado subestima la diversidad específica de su ictiofauna. Las 1435 especies que viven en las aguas dulces colombianas representan aproximadamente 5% de todas las especies marinas y dulceacuícolas hoy en día reconocidas a nivel global y aproximadamente el 29% de los peces de agua dulce que habitan las aguas continentales desde el límite sur de México hasta Chile y Argentina. Varios factores históricos y ecológicos que potencialmente contribuyen a ésta gran riqueza de peces de agua dulce en Colombia son discutidos (p.ej. geología, clima, fisiografía, química de las aguas).

Palabras clave: *Diversidad, distribución, Sur America noroccidental, ichthyofauna, Colombia*

Introduction

The remarkable Colombian biota has long interested naturalists and scientists, with the first discussion of Colombian freshwater fishes dating back two and one-half centuries to de la Rosa (1756). Studies, both formal and informal, during the following decades yielded dramatic increases in our knowledge of the diversity of Colombian freshwater fishes. Formal scientific studies of the ichthyofauna commenced with Alexander von Humboldt who together with Aimée Bopland collected in various regions in northwestern and western Colombia during 1800 and 1801 (Papavero 1971: map 2). Specimens from their expeditions were the basis for the earliest scientific publications focused on Colombian freshwater fishes (Humboldt 1805a, 1805b; Humboldt & Valenciennes 1821). Alfred Russel Wallace (of Natural Selection fame) collected fishes throughout the Rio Negro basin including the Río Vaupes system within Colombia between 1850 and 1852. Unfortunately, those specimens were lost with the sinking of the ship returning Wallace and his collections to England. Wallace was, however, able to save his extensive series of sketches of many species. Until recently, the only discussion of the fishes illustrated in Wallace's sketches was that of Regan (1905), which treated the species briefly and specifically deferred from discussing new species depicted in the drawings. A recent annotated publication of the illustrations and history of Wallace's collecting trips (Wallace 2002) made it clear that the collection included a number of species living in the river systems of eastern Colombia and which were new to science at the time of Wallace's expedition (Toledo-Piza *et al*. 1999; Wallace 2002; Vari & Ferraris 2006).

Subsequent decades saw the publication of hundreds of papers expanding our knowledge of the diversity of this fish fauna. Whereas many of these papers involved only the description of a single new species, others incorporated descriptions and redescriptions of multiple species and/or range extensions. Alternatively, many publications focused on, or to some degree included information on, the life history, distribution, and economic importance of diverse fish species from the drainages of Colombia. Information from those papers complemented by extensive fieldwork provided the foundation for a series of major overviews of the ichthyofaunas of entire drainage basins within Colombia or of broad regions within that country. A compendium of that extensive literature lies beyond the scope and purpose of this publication, but the reader can refer to Maldonado-Ocampo & Usma (2006) for a listing of many of the papers dealing with Colombian freshwater fishes; that summary notwithstanding, the contributions of certain researchers deserve specific comment.

The major upsurge in publications focused on Colombian freshwater fishes began in the latter part of the nineteenth century. These papers were primarily by researchers who studied specimens from Colombian freshwaters sent to European collections, most notably the museums in Vienna and London. Outstanding in this respect were the detailed and superbly illustrated publications on fishes from the Río Magdalena basin published by Franz Steindachner (1878, 1880). The early part of the twentieth century witnessed a flourishing of research on Colombian freshwater fishes. These endeavors involved both Colombian scientists (e.g., Posada 1909) and European and North American ichthyologists. Most of these non-Colombian scientists studied material sent to them from collectors in Colombia (e.g., Regan 1913, 1914); however, a subset of these researchers both collected in the country and reported on its fish fauna.

Most prominent among these foreign ichthyologists was Carl Eigenmann who together with his collaborators made extensive collections throughout major portions of Colombia between January and April of 1912. The following year two of his students, Arthur Henn and Charles Wilson, carried out additional collecting trips to other regions of Colombia. Eigenmann reported on the results of all of these expeditions and other collections of northwestern South American fishes in a stream of publications that continued for nearly a decade. In a series of smaller papers, Eigenmann focused on the description of new species and patterns of fish distribution across northwestern South America (1912, 1913, 1914a, 1914b, 1914c, 1916, 1917a, 1917b, 1920a, 1920b; 1921; 1924; Eigenmann & Fisher 1914; Eigenmann & Henn 1914). Supplementing these papers was Eigenmann's monographic study of the fresh water fishes of Colombia and adjoining regions (1922). In addition to the description of new species and genera, this massive publication provided the first summary of the fishes of northwestern South America with the species accounts complemented by an extensive series of illustrations. That information and the supplemental annotated bibliography of papers dealing with freshwater fishes in northwestern South America, made this monograph the classic that underpins all subsequent research on that fauna.

A second North American noteworthy for his publications on Colombian freshwater fishes was Henry Fowler. Although Fowler made some collections in Colombia (Fowler 1950), these efforts were much less ambitious than those undertaken by Eigenmann and his collaborators. Fowler rather actively reported on samples of Colombian fishes sent to him by various collectors within the country. Of particular note in this regard were the series of collections of freshwater fishes made by Brother Nicéforo

María in the Magdalena, Orinoco, and Amazon basins. Fowler reported on Colombian fishes in a series of papers (1941, 1943, 1944, 1945a, 1945b, 1950) and his 1942 publication summarized the species of fishes then known to live in the waters of Colombia.

Subsequent decades brought a dramatic increase in publications focused on the taxonomy and distribution of Colombian freshwater fishes. Particularly noteworthy were the very important summaries of the fishes of the Río Cauca and Río Magdalena systems by Cecil Miles (1943, 1947, respectively). Nearly a quarter of a century latter, George Dahl (1971) produced a groundbreaking publication on the fishes of northern Colombia that incorporated information on both marine and freshwater fishes from that region of the country. The decades since Dahl's monograph brought intensive collecting efforts throughout the country by Colombian and foreign ichthyologists along with the publication of numerous papers (see Maldonado-Ocampo & Usma 2006). The synergy of these efforts dramatically expanded our knowledge of this ichthyofauna as documented in Mojica's (1999) preliminary list of the freshwater fish species of Colombia; a trend that continues to the present. Amply demonstrating these advances are the series of recent summaries of the ichthyofaunas of the major drainage systems in Colombia (Figure 1; Río Amazonas in Colombia, Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo, 2006a, Galvis *et al*. 2006, Galvis *et al*. 2007b; Río Putumayo, Ortega *et al*. 2006; Río Atrato, Maldonado-Ocampo *et al*. 2006a; Río Cauca, Ortega-Lara *et al*. 2006a; middle Río Magdalena, Mojica *et al*. 2006b; upper Río Magdalena, Villa-Navarro *et al*. 2006; Río Orinoco basin, Lasso *et al*. 2004a, Galvis *et al*. 2007a; Río Tomo, Maldonado-Ocampo *et al*. 2006b; Río Patía, Ortega-Lara *et al*. 2006b; Río Rancheria, Mojica *et al*. 2006a).

In this paper, we present a checklist of the freshwater fishes of Colombia based on different kinds of data and emphasize the remarkable diversity of this ichthyofauna at multiple levels. Nonetheless, the continuing description of new species of Colombian freshwater fishes (see www.humboldt.org.co/ictiologia) makes it clear that the present checklist underestimates, perhaps to a significant degree, the actual richness of that ichthyofauna.

Material and methods

The inclusion of species in the following list derived from three different sources of information. The first and least problematic of these were those species now recognized as valid that have type localities in the inland waters of Colombia. Catalog numbers of the type series of those species are reported in the Checklist. Species originally described from locations outside of Colombia are included in the checklist if their occurrence within the country can be documented in one of three ways:

1) Citation of a species for the Colombian fish fauna in species descriptions and/or revisions of genera or families in the recent taxonomic literature. Data of this sort served as the single largest source for the inclusion of species in the listing and the authors of revisionary publications citing a species from Colombia are noted in the Checklist.
2) Information from specialist identified voucher specimens that originated at localities in Colombia. Vouchers are deposited in various fish collections, most notably IAvH-P, ICNMHN, and IMCN in Colombia.
3) Records based on identifications of specimens deposited in various Colombian collections, but not identified by experts on those taxa. Critical reexamination of such lots in the course of regional Colombian ichthyofaunal studies underlies the inclusion of the species in the checklist. A caveat is that such reports may prove in some instances to be problematic given the major uncertainties with species-level questions in many genera and families.

Initial information for this effort was taken from CLOFFSCA (Reis *et al*. 2003) supplemented by recently published regional Colombian Checklists [Lasso *et al*. (2004a), Maldonado-Ocampo (2004), Mojica *et al*. (2004, 2005), Bogotá-Gregory & Maldonado-Ocampo (2006a), Galvis *et al*. (2006), Maldonado-Ocampo *et al*. (2006a,b), Mojica *et al*. (2006a,b), Ortega *et al*. (2006), Ortega-Lara *et al*. (2006a,b), Villa-Navarro *et al*. (2006), Acero & Polanco (2007), Galvis *et al*. (2007a,b), and Mejía-Falla *et al*. (2007)]. This information was instrumental in many instances for the development of the preliminary list presented by Maldonado-Ocampo & Usma (2006). Where appropriate, these publications are cited in the Checklist. Data was cross checked and supplemented by information in recent publications dealing with species present in inland Colombian waters and/or describing new species of fishes from those drainage systems [Ferraris & Vari (1999, 2000), Toledo-Piza (2000), Albert & Crampton (2003), Armbruster (2003), López-Fernández & Winemiller (2003), Lucena (2003), Maldonado-Ocampo & Albert (2003), Reis *et al*. (2003), Armbruster (2004), Castro & Vari (2004), Malabarba (2004), Zanata & Toledo-Piza (2004), Armbruster (2005), Bockmann & Ferraris (2005), Crampton *et al*. (2005), Ferraris *et al*. (2005), Hrbek *et al*. (2005), Lundberg & Akama (2005), Reis *et al*. (2005), Sabaj (2005), Vari *et al*. (2005), Acero & Betancur (2006), Bührnheim & Malabarba (2006), Kullander & Ferreira (2006), Mautari & Menezes (2006), Menezes (2006), Vari & Ferraris (2006), Buitrago-Suárez & Burr (2007), Ferraris, (2007), Sidlauskas *et al*. (2007), Ardila Rodríguez



Figure 1. Map of Colombia and adjoining regions showing the hydrographic zones, river systems and species richness by HZ discussed in the Checklist.

(2008a,b,c), Armbruster (2008), Castellanos-Morales (2008), Friel (2008), García-Alzate & Román-Valencia (2008), García-Alzate *et al*. (2008), Lundberg & Dahdul (2008), Román-Valencia *et al*. (2008), Sabaj-Pérez & Birindelli (2008), Schindler & Staeck (2008), and Lujan *et al*. (2009)]. These papers are cited where pertinent.

In the Checklist, we include only those groups of fishes who spent their entire life cycles within freshwater systems. Consequently, we exclude the various species of marine fishes that seasonally migrate into the lower reaches of rivers during periods of decreased river flow with consequent increased levels of estuarine salinity. Also excluded from the listing are exotic species, whether introduced purposely or accidentally into Colombia. Alvarado-Forero & Gutiérrez-Bonilla (2002) provide summaries of those species.

The checklist follows the taxonomic classification used by Reis *et al*. (2003), with families arranged in systematic order, and genera and species of each family and subfamily listed alphabetically. The use of the genus *Petulanos* follows Sidlauskas & Vari (2008), and the use of Osteoglossidae follows Nelson (2006). Abbreviations for fish collections in museums, universities, and research institutions follow Leviton *et al*. (1985) and Eschmeyer & Fricke (2008).

The distribution of each species in the checklist is reported within the context of the main Colombian hydrographic zones (HZ), delimited by IDEAM (2004). These are the Amazonas basin (Amz), the Río Orinoco basin (Ori), the Río Magdalena-Río Cauca basin (Mag-Cau), the streams and rivers of the Pacific versant of Colombia (Pac), and the drainages of the Caribbean slope of Colombia (Car) (Figure 1). The reader will note that the rivers draining into the Caribbean Sea include on the one hand the large Río Magdalena-Río Cauca system (Mag-Cau) and on the other all the remaining rivers of that versant (Car). The drainage systems in the latter unit range from the moderate scaled Río Atrato to the series of streams and smaller rivers of that slope emptying into the Caribbean Sea east and west of the mouth of the Río Magdalena. This division of the Caribbean Sea drainage systems into two hydrographic zones (Mag-Cau and Car) recognizes the pronounced species richness and high degree of endemicity of the ichthyofauna of the combined Río Magdalena-Río Cauca system.

In some instances, the hydrographic zones utilized in this paper subsume two or more of the freshwater ecoregions recently proposed by Abell *et al*. (2008). The more fine-scaled resolution of the latter system is potentially more informative in terms of areas of regional endemism; however, we defer from applying it until we can confidently delimit the distribution of most species in the Colombian freshwater fish fauna. Whenever possible, we base the citation of the occurrence of species in various hydrographic zones on publications by specialists. Supplementing those records were critically evaluated voucher specimens and literature records. Citations of Colombian species as endangered or extinct follow Mojica *et al*. (2002), Acero & Betancur (2006), and Prada-Pedreros *et al*. (2006).

Results

The Checklist cites 1435 species of fishes as inhabiting freshwater systems in Colombia, with these species distributed across 14 orders and 47 families. Dominant in the overall fish fauna is the superorder Ostariophysi with 1235 species or 86% of the total fauna, including the two most speciose orders in the continental Colombian ichthyofauna; these are the Characiformes with 637 species (44% of total) and Siluriformes with 524 species (37% of total). Other orders with noteworthy numbers of species are the Perciformes (124 species) and Gymnotiformes (74 species), with the 10 remaining orders having 1 to 35 species in Colombian freshwaters (Table 1). Families with the most species are the Characidae (399 species; 27.5% of the total species), Loricariidae (166 species), Cichlidae (114 species), Pimelodidae (54 species), and Trichomycteridae (54 species). The remaining 42 families are represented in Colombia by 1 to 52 species (Table 2). We identify 311 species in the Checklist as presently known only from freshwater habitats in Colombia, with these therefore identified as endemics for the country.

In the Checklist, we cite 42 species of threatened and extinct fresh water fishes; this number of species differs from the total in Mojica *et al*. (2002) due to changes in the taxonomic status of some nominal species in recent systematic studies. *Brachyplatystoma flavicans* Castelnau, 1855 and *Paulicea luetkeni* Steindachner, 1877 that were both in the Red List are now synonyms of *Zungaro zungaro* Humboldt, 1821. Similarly, *Ageneiosus caucanus* Steindachner, 1880 and *A. freiei* Schultz, 1944 are now in the synonymy of *A. pardalis* Lütken, 1874 with *Saccodon caucae* Schultz & Miles, 1943 a synonym of *S. dariensis* Meek & Hildebrand, 1913. In each instance, the synonymy of perceived threatened nominal forms (*Ageneiosus caucanus*, *A. freiei, Brachyplatystoma flavicans, Paulicea luetkeni, Saccodon caucae*) into species not considered endangered (*Ageneiosus pardalis, Saccodon dariensis, Zungaro zungaro*) necessitated the removal of the cited nominal species from endangered status. Alternatively, some newly described species previously thought to be part of a broadly distributed form (e.g., *Pseudoplatystoma magdaleniatum* and *P. metaense* Buitrago-Suárez &

Table 1. Number of families and species in each order of fishes present in the freshwaters of Colombia.

Orders	# Species	%	# Families	%
Characiformes	637	44,4	14	29,8
Siluriformes	524	36,5	12	25,5
Perciformes	124	8,6	4	8,2
Gymnotiformes	74	5,2	5	10,2
Cyprinodontiformes	35	2,4	2	4,1
Clupeiformes	11	0,8	2	4,1
Myliobatiformes	9	0,6	1	2,0
Pleuronectiformes	7	0,5	1	2,0
Beloniformes	5	0,3	1	2,0
Batrachoidiformes	3	0,2	1	2,0
Osteoglossiformes	3	0,2	1	4,1
Lepidosireniformes	1	0,1	1	2,0
Synbranchiformes	1	0,1	1	2,0
Tetraodontiformes	1	0,1	1	2,0
Total	**1435**	**100**	**47**	**100**

Burr, 2007, respectively, from the Río Magdalena basin and Río Meta systems) apparently are endangered (see Arce Hernández (2008) concerning former species). The consequences of these nomenclatural changes for management and conservation issues exemplify the importance of thorough revisionary analysis of all components of the fish fauna. Recently published information on the ecology and distribution of various nominal species similarly resulted in changes in the status of some species included in Mojica *et al*. (2002).

Of the total number of species, 387 or 27% were based on type series that originated within Colombia (see Checklist). Interestingly, the type localities of 65% of the species with type localities within Colombia (252 of 387 species) originated in trans-Andean locations. The Río Magdalena-Cauca was the source of over half of the trans-Andean species total (138 species), with the Pacific versant (78 species) and Caribbean slope drainages (36 species) accounting for the remainder. The 33% of the species whose type-series originated at cis-Andean sites within Colombia were primarily from the Río Orinoco basin (90 species) and with relatively few originating in the Colombian Amazon (36 species), the region of the country that has been least explored ichthyologically. Six recognized species have indefinite type localities of "Colombia".

As reported previously by Maldonado-Ocampo & Usma (2006), the Amazon and Orinoco hydrographic zones are the richest in terms of total numbers of species. Following these zones in order of decreasing richness are the Magdalena-Cauca, Caribbean slope drainages, and Pacific versant rivers (Figure 1). There is a striking lack of correlation between the hydrographic zones with the richest fish faunas within Colombia (Amazon and Orinoco) and the hydrographic zones that were the point of origin for the majority of type-series of fishes that originated in Colombian inland waters (Magdalena-Cauca, Caribbean, and Pacific versants). The discussion details how the historical focus on collecting fishes in trans-Andean drainages resulted in a disproportionate number of taxonomic studies of those regional components of the Colombian continental fish fauna. This historical collecting and the resultant research bias undoubtedly underlies these contrasting patterns.

Table 2. Number of species for each family of fishes present in the freshwaters of Colombia.

Family	# Species	%	Family	# Species	%
Characidae	399	27,7	Pseudopimelodidae	11	0,8
Loricariidae	166	11,5	Prochilodontidae	10	0,7
Cichlidae	114	7,9	Acestrorhynchidae	9	0,6
Pimelodidae	54	3,8	Potamotrygonidae	9	0,6
Trichomycteridae	54	3,8	Gasteropelecidae	8	0,6
Doradidae	52	3,6	Achiridae	7	0,5
Anostomidae	51	3,5	Ctenoluciidae	7	0,5
Curimatidae	47	3,3	Engraulididae	7	0,5
Heptapteridae	44	3,1	Sciaenidae	7	0,5
Callichthyidae	42	2,9	Parodontidae	6	0,4
Auchenipteridae	41	2,9	Belonidae	5	0,3
Lebiasinidae	36	2,5	Chilodontidae	5	0,3
Apteronotidae	30	2,1	Rhamphichthyidae	5	0,3
Crenuchidae	30	2,1	Erythrinidae	4	0,3
Astroblepidae	24	1,7	Pristigasteridae	4	0,3
Rivulidae	21	1,5	Batrachoididae	3	0,2
Cetopsidae	18	1,3	Osteoglossidae	3	0,2
Aspredinidae	17	1,2	Eleotridae	2	0,1
Poeciliidae	14	1,0	Tetraodontidae	1	0,1
Gymnotidae	14	1,0	Ariidae	1	0,1
Hemiodontidae	14	1,0	Lepidosirenidae	1	0,1
Sternopygidae	14	1,0	Polycentridae	1	0,1
Cynodontidae	11	0,8	Synbranchidae	1	0,1
Hypopomidae	11	0,8	Total =	1435	100

Checklist of the native freshwater fishes of Colombia. Listing does not include introduced species, nor does it include marine forms that only seasonally penetrate into the lower portions of rivers and streams. Figure 1 show the hydrographic zones and major river systems discussed in the text. Abbreviations: DC – species with their type locality in Colombia. EN – species now only known from Colombian freshwaters (endemics). CT – Endangered and threatened species (from Mojica *et al*. (2002) with listing modified as discussed in text). Amz – Amazon basin. Ori – Orinoco basin. Mag-Cauca – Río Magdalena-Río Cauca basin. Pac – Pacific slope rivers. Car – Caribbean slope rivers. Collections/references – catalog numbers are type series of species described from locations in Colombia; references either a) cite revisions and descriptions that document the presence of a species with a type-locality outside of Colombia in that country, or 2) cite publications that report a species as present in particular drainage basins within Colombia (see text). Non-type voucher IAvH-P lots that were the basis for the inclusion of a species in the checklist are indicated by an asterisk (*).

Taxa	DC	EN	CT	Amz	Ori	Mag-Cauc	Pac	Car	Collections/References
Myliobatiformes									
Potamotrygonidae									
Paratrygon aiereba (Müller & Henle, 1841)				X	X				Maldonado-Ocampo *et al*. 2006b, Ortega *et al*. 2006, Mejía-Falla *et al*. 2007
Potamotrygon castexi Castello & Yagolkowski, 1969				X					Ortega *et al*. 2006, Mejía-Falla *et al*. 2007
Potamotrygon constellata (Vaillant, 1880)				X					Bogotá-Gregory & Maldonado-Ocampo 2006, Galvis *et al*. 2007b, Mejía-Falla *et al*. 2007
Potamotrygon histrix (Müller & Henle, 1834)				X					Bogotá-Gregory & Maldonado-Ocampo 2006, Ortega *et al*. 2006, Mejía-Falla *et al*. 2007
Potamotrygon magdalenae (Duméril, 1865)	X	X				X		X	MNHN A-2368; Mejía-Falla *et al*. 2007
Potamotrygon motoro (Müller & Henle, 1841)				X	X				Lasso *et al*. 2004, Maldonado-Ocampo 2004, Bogotá-Gregory & Maldonado-Ocampo 2006, Maldonado-Ocampo *et al*. 2006b, Mojica *et al*. 2005, Ortega *et al*. 2006, Galvis *et al*. 2007a,b, Mejía-Falla *et al*. 2007
Potamotrygon orbignyi (Castelnau, 1855)					X				Lasso *et al*. 2004, Maldonado-Ocampo *et al*. 2006b, Galvis *et al*. 2007a
Potamotrygon schroederi Fernández-Yépez, 1958				X	X				Lasso *et al*. 2004, Bogotá-Gregory & Maldonado-Ocampo 2006, Mejía-Falla *et al*. 2007
Potamotrygon yepezi Castex & Castello, 1970			B2c					X	Galvis *et al*. 1997, Mojica *et al*. 2002, Mejía-Falla *et al*. 2007
Lepidosireniformes									
Lepidosirenidae									
Lepidosiren paradoxa Fitzinger, 1837				X	X				Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006ab
Osteoglossiformes									
Osteoglossidae									
Arapaima gigas (Schinz, 1822)			A1d, A2d	x					Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Ortega *et al*. 2006
Osteoglossum bicirrhosum (Cuvier, 1829)			A2d	X	X				Lasso *et al*. 2004, Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Maldonado-Ocampo *et al*. 2006b, Ortega *et al*. 2006, Galvis *et al*. 2007b

Taxa	DC	EN	CT	Amz	Ori	Mag-Cauc	Pac	Car	Collections/References
Osteoglossum ferreirai Kanazawa, 1966			A1d, A2d		X				Lasso *et al*. 2004, Maldonado-Ocampo 2004, Maldonado-Ocampo *et al*. 2006b
Clupeiformes									
Engraulidae									
Amazonsprattus scintilla Roberts, 1984					X				Lasso *et al*. 2004, Maldonado-Ocampo 2004, Maldonado-Ocampo *et al*. 2006b
Anchoviella guianensis (Eigenmann, 1912)				X	X				Lasso *et al*. 2004, Ortega *et al*. 2006, Galvis *et al*. 2007a
Anchoviella jamesi (Jordan & Seale, 1926)				X	X				Lasso *et al*. 2004
Jurengraulis juruensis (Boulenger, 1898)				X					Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Ortega *et al*. 2006
Lycengraulis batesii (Günther, 1868)				X	X				Lasso *et al*. 2004, Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006
Lycengraulis grossidens (Agassiz, 1829)					X				Lasso *et al*. 2004, Maldonado-Ocampo 2004, Maldonado-Ocampo *et al*. 2006b
Pterengraulis atherinoides (Linnaeus, 1766)					X				Lasso *et al*. 2004, Galvis *et al*. 2007a
Pristigasteridae									
Ilisha amazonica (Miranda Ribeiro, 1920)				X					Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006
Pellona castelnaeana Valenciennes, 1847				X	X				Lasso *et al*. 2004, Maldonado-Ocampo 2004, Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Maldonado-Ocampo *et al*. 2006b, Ortega *et al*. 2006
Pellona flavipinnis (Valenciennes, 1837)				X	X				Lasso *et al*. 2004, Maldonado-Ocampo 2004, Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Maldonado-Ocampo *et al*. 2006b, Ortega *et al*. 2006
Pristigaster cayana Cuvier, 1829				X					Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Ortega *et al*. 2006
Characiformes									
Parodontidae									
Parodon apolinari Myers, 1930	X				X				SU 23725
Parodon buckleyi Boulenger, 1887				X					Bogotá-Gregory & Maldonado-Ocampo 2006
Parodon caliensis Boulenger, 1895	X	X	NT			X			BMNH 1895.11.16.83-87
Parodon pongoensis (Allen, 1942)				X					Bogotá-Gregory & Maldonado-Ocampo 2006, Galvis *et al*. 2007b
Parodon suborbitalis Valenciennes, 1850						X		X	Maldonado-Ocampo *et al*. 2005

Taxa	DC	EN	CT	Amz	Ori	Mag-Cauc	Pac	Car	Collections/References
Saccodon dariensis (Meek & Hildebrand, 1913)			NT			X		X	Maldonado-Ocampo *et al*. 2005, 2006a, Mojica *et al*. 2006b, Ortega-Lara *et al*. 2006a, Villa-Navarro *et al*. 2006
Curimatidae									
Curimata aspera (Günther, 1868)				X					Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Ortega *et al*. 2006
Curimata cerasina Vari, 1984				X					Bogotá-Gregory & Maldonado-Ocampo 2006
Curimata cisandina (Allen, 1942)				X					Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006
Curimata cyprinoides (Linnaeus, 1766)				X					Bogotá-Gregory & Maldonado-Ocampo 2006
Curimata incompta Vari, 1984				X	X				Lasso *et al*. 2004, Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006
Curimata mivartii (Steindachner, 1878)	X	X	A2d			X			NMW 68759.1., 68757-58, 68759.2, 68760-61; ZMUC 88
Curimata ocellata (Eigenmman & Eigenmman, 1889)				X					Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006
Curimata roseni Vari, 1989				X					Bogotá-Gregory & Maldonado-Ocampo 2006, Galvis *et al*. 2007b
Curimata vittata (Kner, 1858)				X	X				Lasso *et al*. 2004, Maldonado-Ocampo 2004, Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Ortega *et al*. 2006, Galvis *et al*. 2007a,b
Curimatella alburna (Müller & Troschel, 1844)				X					Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Ortega *et al*. 2006, Galvis *et al*. 2007b
Curimatella dorsalis (Eigenmann & Eigenmann, 1889)				X	X				Lasso *et al*. 2004, Maldonado-Ocampo 2004, Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Galvis *et al*. 2007a,b
Curimatella immaculata (Fernández-Yépez, 1948)				X	X				Lasso *et al*. 2004, Maldonado-Ocampo 2004, Bogotá-Gregory & Maldonado-Ocampo 2006, Maldonado-Ocampo *et al*. 2006b, Galvis *et al*. 2007a,b
Curimatella meyeri (Steindachner, 1882)				X					Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Ortega *et al*. 2006, Galvis *et al*. 2007b
Curimatopsis crypticus Vari, 1982					X				Lasso *et al*. 2004, Maldonado-Ocampo 2004
Curimatopsis evelynae Géry, 1964	X				X				USNM 19864, 198638; Géry personal collection 365 (now MNHG 2192.26); MNHN 1982-0764
Curimatopsis macrolepis (Steindachner, 1876)				X	X				Lasso *et al*. 2004, Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Ortega *et al*. 2006

Taxa	DC	EN	CT	Amz	Ori	Mag-Cauc	Pac	Car	Collections/References
Cyphocharax abramoides (Kner, 1858)					X				Lasso *et al*. 2004
Cyphocharax festivus Vari, 1992				X	X				Lasso *et al*. 2004, Bogotá-Gregory & Maldonado-Ocampo 2006
Cyphocharax gillii (Eigenmann & Kennedy, 1903)				X					Bogotá-Gregory & Maldonado-Ocampo 2006
Cyphocharax leucostictus (Eigenmann & Eigenmann, 1889)				X					Galvis *et al*. 2007b
Cyphocharax magdalenae (Steindachner, 1878)	X	X				X		X	NMW 68873.1
Cyphocharax multilineatus (Myers, 1927)				X	X				Galvis *et al*. 2007ab
Cyphocharax nigripinnis Vari, 1992				X					Bogotá-Gregory & Maldonado-Ocampo 2006, Galvis *et al*. 2007b
Cyphocharax oenas Vari, 1992					X				Maldonado-Ocampo *et al*. 2006b, Galvis *et al*. 2007a
Cyphocharax pantostictos Vari & Barriga S., 1990				X					Bogotá-Gregory & Maldonado-Ocampo 2006, Ortega *et al*. 2006
Cyphocharax spiluropsis (Eigenmann & Eigenmann, 1889)				X					Bogotá-Gregory & Maldonado-Ocampo 2006, Ortega *et al*. 2006, Galvis *et al*. 2007b
Cyphocharax spilurus (Günther, 1864)				X	X				Lasso *et al*. 2004, Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Galvis *et al*. 2007a
Cyphocharax stilbolepis Vari, 1992				X					Bogotá-Gregory & Maldonado-Ocampo 2006
Potamorhina altamazonica (Cope, 1878)				X	X				Lasso *et al*. 2004, Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Ortega *et al*. 2006
Potamorhina laticeps (Valenciennes, 1850)								X	Galvis *et al*. 1997
Potamorhina latior (Spix & Agassiz, 1829)				X					Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Ortega *et al*. 2006, Galvis *et al*. 2007b
Potamorhina pristigaster (Steindachner, 1876)				X					Bogotá-Gregory & Maldonado-Ocampo 2006
Psectrogaster amazonica Eigenmann & Eigenmann, 1889				X					Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Ortega *et al*. 2006, Galvis *et al*. 2007b
Psectrogaster ciliata (Müller & Troschel, 1844)					X				Lasso *et al*. 2004
Psectrogaster essequibensis (Günther, 1864)				X					Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006
Psectrogaster rhomboides Eigenmann & Eigenmann, 1889				X					Bogotá-Gregory & Maldonado-Ocampo 2006

Taxa	DC	EN	CT	Amz	Ori	Mag-Cauc	Pac	Car	Collections/References
Psectrogaster rutiloides (Kner, 1858)				X					Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Ortega *et al*. 2006
Pseudocurimata lineopunctata (Boulenger, 1911)	X						X	X	BMNH 1910.7.11.159, 1910.7.11.160-162
Pseudocurimata patiae (Eigenmann, 1914)	X	X					X		FMNH 56554, 56555; CAS 60622 [ex IU 13055]
Steindachnerina argentea (Gill, 1858)				X	X				Lasso *et al*. 2004, Maldonado-Ocampo *et al*. 2006b, Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006
Steindachnerina atratoensis (Eigenmann, 1912)	X	X						X	FMNH 56024 [ex CM 4814a], 56043, 71308; CAS 44218 [ex IU 12676]; MCZ 30933; USNM 79192
Steindachnerina bimaculata (Steindachner, 1876)				X					Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006
Steindachnerina dobula (Günther, 1868)				X					Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Ortega *et al*. 2006, Galvis *et al*. 2007b
Steindachnerina guentheri (Eigenmann & Eigenmann, 1889)				X	X				Lasso *et al*. 2004, Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Ortega *et al*. 2006, Galvis *et al*. 2007a
Steindachnerina hypostoma (Boulenger, 1887)				X					Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Ortega *et al*. 2006
Steindachnerina cf. *planiventris* Vari & Vari, 1989				X					Ortega *et al*. 2006
Steindachnerina pupula Vari, 1991					X				Lasso *et al*. 2004, Galvis *et al*. 2007a
Prochilodontidae									
Ichthyoelephas longirostris (Steindachner, 1879)	X	X	A1d, A2d, B2c			X			NMW 56680, 56681-82
Prochilodus magdalenae Steindachner, 1879	X	X	A1d			X		X	NMW 56627, 56624, 56625, 56628.
Prochilodus mariae Eigenmann, 1922	X				X				CAS 15150 [ex IU 15150], 23942 [ex IU 15150]
Prochilodus nigricans Spix & Agassiz, 1829				X					Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Ortega *et al*. 2006, Galvis *et al*. 2007b
Prochilodus reticulatus Valenciennes, 1850			A2d, B2c					X	Galvis *et al*. 1997
Prochilodus rubrotaeniatus Jardine & Schomburgk, 1841				X	X				Lasso *et al*. 2004, Bogotá-Gregory & Maldonado-Ocampo 2006
Semaprochilodus insignis (Jardine & Schomburgk, 1841)				X	X				Lasso *et al*. 2004, Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006

Taxa	DC	EN	CT	Amz	Ori	Mag-Cauc	Pac	Car	Collections/References
Semaprochilodus kneri (Pellegrin, 1909)				X	X				Lasso *et al*. 2004, Bogotá-Gregory & Maldonado-Ocampo 2006, Maldonado-Ocampo *et al*. 2006b
Semaprochilodus laticeps (Steindachner, 1879)					X				Lasso *et al*. 2004, Maldonado-Ocampo 2004, Maldonado-Ocampo *et al*. 2006b
Semaprochilodus taeniurus (Valenciennes, 1821)				X					Bogotá-Gregory & Maldonado-Ocampo 2006
Anostomidae									
Abramites eques (Steindachner, 1878)	X	X	Abc			X			NMW 69549, 69548, 69550; BMNH 1895.5.17.155-156
Abramites hypselonotus (Günther, 1868)				X	X				Lasso *et al*. 2004, Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Ortega *et al*. 2006
Anostomus anostomus (Linnaeus, 1758)				X	X				Lasso *et al*. 2004, Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Ortega *et al*. 2006
Anostomus ternetzi Fernández-Yépez, 1949				X	X				Lasso *et al*. 2004, Bogotá-Gregory & Maldonado-Ocampo 2006, Maldonado-Ocampo *et al*. 2006b
Gnathodolus bidens Myers, 1927					X				Lasso *et al*. 2004, Maldonado-Ocampo *et al*. 2006b
Laemolyta fernandezi Myers, 1950					X				Galvis *et al*. 2007a
Laemolyta garmani (Borodin, 1931)				X					Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006
Laemolyta proxima (Garman, 1890)				X					Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Ortega *et al*. 2006
Laemolyta taeniata (Kner, 1858)				X	X				Lasso *et al*. 2004, Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Maldonado-Ocampo *et al*. 2006b, Ortega *et al*. 2006
Leporellus vitattus (Valenciennes, 1850)					X	X			Lasso *et al*. 2004, Maldonado-Ocampo *et al*. 2005, Mojica *et al*. 2006b, Ortega-Lara 2006a, Villa-Navarro *et al*. 2006
Leporinus affinis Günther, 1864				X					Bogotá-Gregory & Maldonado-Ocampo 2006
Leporinus agassizi Steindachner, 1876				X					Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Ortega *et al*. 2006
Leporinus arcus Eigenmann, 1912					X				Lasso *et al*. 2004
Leporinus aripuanaensis Garavello & Santos 1981				X					Mojica *et al*. 2005, Galvis *et al*. 2007b
Leporinus bimaculatus Castelnau, 1855				X					Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006
Leporinus boehlkei Garavello, 1988	X	X			X				ANSP 136487, 135432-33, 136489, 138803, 140316; MZUSP 28061

Taxa	**DC**	**EN**	**CT**	**Amz**	**Ori**	**Mag-Cauc**	**Pac**	**Car**	**Collections/References**
Leporinus brunneus Myers, 1950				X	X				Lasso *et al*. 2004, Bogotá-Gregory & Maldonado-Ocampo 2006, Maldonado-Ocampo *et al*. 2006b
Leporinus desmotes Fowler, 1914				X	X				Lasso *et al*. 2004, Bogotá-Gregory & Maldonado-Ocampo 2006, Maldonado-Ocampo *et al*. 2006b
Leporinus fasciatus (Bloch, 1794)				X	X				Lasso *et al*. 2004, Maldonado-Ocampo 2004, Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Maldonado-Ocampo *et al*. 2006b, Ortega *et al*. 2006
Leporinus friderici (Bloch, 1794)				X	X				Lasso *et al*. 2004, Maldonado-Ocampo 2004, Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Maldonado-Ocampo *et al*. 2006b, Ortega *et al*. 2006
Leporinus cf. *granti* Eigenmann, 1912					X				Lasso *et al*. 2004
Leporinus klausewitzi Géry, 1960				X					Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006
Leporinus latofasciatus Steindachner, 1910					X				Lasso *et al*. 2004
Leporinus leschenaulti Valenciennes, 1850				X	X				Bogotá-Gregory & Maldonado-Ocampo 2006, Maldonado-Ocampo *et al*. 2006b
Leporinus maculatus Müller & Troschel, 1844				X	X				Lasso *et al*. 2004, Bogotá-Gregory & Maldonado-Ocampo 2006
Leporinus melanopleura Günther, 1864					X				Lasso *et al*. 2004, Maldonado-Ocampo 2004, Maldonado-Ocampo *et al*. 2006b
Leporinus melanostictus Norman, 1926				X					Bogotá-Gregory & Maldonado-Ocampo 2006
Leporinus moralesi Fowler, 1942				X					Bogotá-Gregory & Maldonado-Ocampo 2006, Ortega *et al*. 2006
Leporinus muyscorum Steindachner, 1900	X	X				X		X	Holotype: ZSM [old collection] destroyed in WWII
Leporinus nattereri Steindachner, 876				X	X				Lasso *et al*. 2004, Maldonado-Ocampo 2004, Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Maldonado-Ocampo *et al*. 2006b, Ortega *et al*. 2006
Leporinus niceforoi Fowler, 1943	X	X		X					ANSP 70491, 70492
Leporinus octofasciatus Steindachner, 1915				X					Bogotá-Gregory & Maldonado-Ocampo 2006
Leporinus ortomaculatus Britski & Garavello, 1993					X				Lasso *et al*. 2004
Leporinus piau Fowler, 1941				X					Bogotá-Gregory & Maldonado-Ocampo 2006
Leporinus steyermarki Inger, 1956				X	X				Lasso *et al*. 2004, Bogotá-Gregory & Maldonado-Ocampo 2006

Taxa	**DC**	**EN**	**CT**	**Amz**	**Ori**	**Mag-Cauc**	**Pac**	**Car**	**Collections/References**
Leporinus striatus Kner, 1858					X	X	X	X	Galvis *et al*. 1997, Lasso *et al*. 2004, Mojica *et al*. 2004, Maldonado-Ocampo *et al*. 2005, 2006a, Mojica *et al*. 2006b, Ortega-Lara 2006a, Villa-Navarro *et al*. 2006
Leporinus subniger Fowler, 1943	X			X					ANSP 70493, 70494
Leporinus trifasciatus Steindachner, 1876				X					Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Ortega *et al*. 2006
Leporinus wolfei Fowler, 1940				X					Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Ortega *et al*. 2006
Leporinus y-ophorus Eigenmann, 1922	X				X				CAS 61680 [ex IU 15025]
Pseudanos gracilis (Kner, 1858)				X	X				Lasso *et al*. 2004, Maldonado-Ocampo 2004, Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Maldonado-Ocampo *et al*. 2006b
Pseudanos irinae Winterbottom, 1980					X				Lasso *et al*. 2004
Pseudanos trimaculatus (Kner, 1858)				X					Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Ortega *et al*. 2006
Pseudanos winterbottomi Sidlauskas & Santos, 2005					X				Maldonado-Ocampo *et al*. 2006b, Galvis *et al*. 2007a
Petulanos spiloclistron (Winterbottom, 1974)				X					Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Ortega *et al*. 2006
Rhytiodus argenteofuscus Kner, 1858				X					Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Ortega *et al*. 2006
Rhytiodus microlepis Kner, 1858				X					Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Ortega *et al*. 2006
Schizodon dissimilis (Garman, 1890)				X					Bogotá-Gregory & Maldonado-Ocampo 2006
Schizodon fasciatus Spix & Agassiz, 1829				X					Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Ortega *et al*. 2006
Schizodon scotorhabdotus Sidlauskas, Garvello & Jellen, 2007					X				Sidlauskas *et al*. 2007
Synaptolaemus cingulatus Myers & Fernández-Yépez, 1950					X				Lasso *et al*. 2004, Maldonado-Ocampo *et al*. 2006b
Chilodontidae									
Caenotropus labyrinthicus (Kner, 1858)				X	X				Lasso *et al*. 2004, Maldonado-Ocampo 2004, Maldonado-Ocampo *et al*. 2006b, Galvis *et al*. 2007a, 2007b

Taxa	DC	EN	CT	Amz	Ori	Mag-Cauc	Pac	Car	Collections/References
Caenotropus maculosus (Eigenmann, 1912)				X	X				Maldonado-Ocampo *et al*. 2006b, Ortega *et al*. 2006
Caenotropus mestomorgmatos Vari, Castro & Raredon, 1995				X					Bogotá-Gregory & Maldonado-Ocampo 2006
Chilodus gracilis Isbrücker & Nijssen, 1988				X					Bogotá-Gregory & Maldonado-Ocampo 2006
Chilodus punctatus Müller & Troschel, 1844				X	X				Lasso *et al*. 2004, Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006
Crenuchidae									
Ammocryptocharax elegans Weitzman & Kanazawa, 1976	X				X				USNM 210692, 214364; FMNH 80401
Ammocryptocharax minutus Buckup, 1993				X					Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006
Characidium boavistae Steindachner, 1915						X			Villa-Navarro *et al*. 2006
Characidium caucanum Eigenmann, 1912	X	X				X			FMNH 56057 [ex CM 4847], 56058-60, 69546; CAS 41275-77 [ex IU 12701-03]; USNM 79183
Characidium chupa Schultz, 1944					X				Lasso *et al*. 2004
Characidium etheostoma Cope, 1872				X					Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Galvis *et al*. 2007b
Characidium fasciatum Reinhardt, 1867				X		X	X	X	Galvis *et al*. 1997, Mojica *et al*. 2004, Maldonado-Ocampo *et al*. 2005, Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Maldonado-Ocampo *et al*. 2006a, Ortega *et al*. 2006, Ortega-Lara 2006a, Villa-Navarro *et al*. 2006
Characidium longum Taphorn, Montaña & Buckup, 2006					X				Lasso *et al*. 2008
Characidium pellucidum Eigenmann, 1909				X	X				Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Maldonado-Ocampo *et al*. 2006b
Characidium phoxocephalum Eigenmann, 1912	X	X				X			FMNH 56061 [ex CM 4851]; CAS 60254 [ex IU 12704]
Characidium pteroides Eigenmann, 1909				X	X				Maldonado-Ocampo *et al*. 2006b; IAvH-P 2333*
Characidium aff. *roesseli* Géry, 1965				X					Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006
Characidium sanctjohanni Dahl, 1960	X	X					X	X	Holotype: whereabouts unknown
Characidium steindachneri Cope, 1878				X	X				Lasso *et al*. 2004, Bogotá-Gregory & Maldonado-Ocampo 2006, Maldonado-Ocampo *et al*. 2006b

Taxa	**DC**	**EN**	**CT**	**Amz**	**Ori**	**Mag-Cauc**	**Pac**	**Car**	**Collections/References**
Characidium zebra Eigenmman, 1909				X	X				Lasso *et al*. 2004, Bogotá-Gregory & Maldonado-Ocampo 2006, Maldonado-Ocampo *et al*. 2006b
Crenuchus spilurus Günther, 1863				X	X				Lasso *et al*. 2004, Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Ortega *et al*. 2006
Elachocharax geryi Weitzman & Kanazawa, 1978					X				Lasso *et al*. 2004
Elacocharax pulcher Myers, 1927				X	X				Lasso *et al*. 2004, Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Maldonado-Ocampo *et al*. 2006b
Klausewitzia sp1.				X					Bogotá-Gregory & Maldonado-Ocampo 2006
Klausewitzia sp2.				X					Bogotá-Gregory & Maldonado-Ocampo 2006
Leptocharacidium omospilus Buckup, 1993					X				Lasso *et al*. 2004
Melanocharacidium depressum Buckup, 1993				X					Bogotá-Gregory & Maldonado-Ocampo 2006
Melanocharacidium dispilomma Buckup, 1993				X	X				Lasso *et al*. 2004, Bogotá-Gregory & Maldonado-Ocampo 2006, Maldonado-Ocampo *et al*. 2006b
Melanocharacidium pectorale Buckup, 1993				X	X				Lasso *et al*. 2004, Bogotá-Gregory & Maldonado-Ocampo 2006
Microcharacidium eleotrioides (Géry, 1960)					X				IAvH-P 6169*
Microcharacidium gnomus Buckup, 1993					X				Lasso *et al*. 2004
Microcharacidium weitzmani Buckup, 1993					X				Lasso *et al*. 2004
Odontocharacidium aphanes (Weitzman & Kanazawa, 1977)				X					Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006
Odontocharacidium sp.				X					Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006
Poecilocharax weitzmani Géry, 1965				X	X				Lasso *et al*. 2004, Bogotá-Gregory & Maldonado-Ocampo 2006
Hemiodontidae									
Anodus elongatus Agassiz, 1829				X					Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Ortega *et al*. 2006
Anodus orinocensis (Steindachner, 1887)					X				Lasso *et al*. 2004
Argonectes longiceps (Kner, 1858)				X	X				Lasso *et al*. 2004, Maldonado-Ocampo 2004, Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Maldonado-Ocampo *et al*. 2006b, Ortega *et al*. 2006
Bivibranchia fowleri (Steindachner, 1908)				X	X				Lasso *et al*. 2004, Bogotá-Gregory & Maldonado-Ocampo 2006, Maldonado-Ocampo *et al*. 2006b

Taxa	DC	EN	CT	Amz	Ori	Mag-Cauc	Pac	Car	Collections/References
Hemiodus amazonum (Humboldt, 1821)					X				Lasso *et al*. 2004
Hemiodus argenteus Pellegrin, 1909				X	X				Lasso *et al*. 2004, Bogotá-Gregory & Maldonado-Ocampo 2006
Hemiodus goeldii Steindachner, 1908				X	X				Bogotá-Gregory & Maldonado-Ocampo 2006, Maldonado-Ocampo *et al*. 2006b
Hemiodus gracilis Günther, 1864				X	X				Bogotá-Gregory & Maldonado-Ocampo 2006, Maldonado-Ocampo *et al*. 2006b, Ortega *et al*. 2006
Hemiodus immaculatus Kner, 1858				X	X				Lasso *et al*. 2004, Maldonado-Ocampo *et al*. 2006b
Hemiodus microlepis Kner, 1858				X	X				Lasso *et al*. 2004, Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Ortega *et al*. 2006
Hemiodus semitaeniatus Kner, 1858				X	X				Lasso *et al*. 2004, Maldonado-Ocampo *et al*. 2006b
Hemiodus thayeria Böhlke, 1955	X			X					SU 48146
Hemiodus unimaculatus (Bloch, 1794)				X	X				Bogotá-Gregory & Maldonado-Ocampo 2006, Maldonado-Ocampo *et al*. 2006b, Ortega *et al*. 2006
Hemiodus vorderwinkleri (Géry, 1964)				X					Bogotá-Gregory & Maldonado-Ocampo 2006
Gasteropelecidae									
Carnegiella marthae Myers, 1927				X	X				Lasso *et al*. 2004, Maldonado-Ocampo 2004, Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Maldonado-Ocampo *et al*. 2006b, Ortega *et al*. 2006
Carnegiella myersi Fernández-Yépez, 1950				X					Bogotá-Gregory & Maldonado-Ocampo 2006, Ortega *et al*. 2006
Carnegiella schereri Fernández-Yépez, 1950				X					Galvis *et al*. 2007b
Carnegiella strigata (Günther, 1864)				X	X				Lasso *et al*. 2004, Maldonado-Ocampo 2004, Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Maldonado-Ocampo *et al*. 2006b, Ortega *et al*. 2006
Gasteropelecus maculatus Steindachner, 1879						X	X	X	Galvis *et al*. 1997, Maldonado-Ocampo *et al*. 2005, 2006a, Mojica *et al*. 2006ab, Villa-Navarro *et al*. 2006, Ortega-Lara *et al*. 2006a
Gasteropelecus sternicla (Linnaeus, 1758)				X					Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Ortega *et al*. 2006
Thoracocharax securis De Filippi, 1853				X					Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Ortega *et al*. 2006
Thoracocharax stellatus (Kner, 1858)				X	X				Lasso *et al*. 2004, Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Ortega *et al*. 2006

Taxa	DC	EN	CT	Amz	Ori	Mag-Cauc	Pac	Car	Collections/References
Characidae									
Aphyodite grammica Eigenmann, 1912				X					Bogotá-Gregory & Maldonado-Ocampo 2006
Astyanax abramis (Jenyns, 1842)				X	X				Lasso *et al*. 2004, Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Ortega *et al*. 2006
Astyanax atratoensis Eigenmann, 1907	X	X						X	USNM 1659 (missing), 306566 [ex USNM 1659]; CAS 38962 [ex IU 11488]
Astyanax bimaculatus (Linnaeus, 1758)				X	X	X	X	X	Galvis *et al*. 1997, Lasso *et al*. 2004, Mojica *et al*. 2004, Maldonado-Ocampo *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Maldonado-Ocampo *et al*. 2006a, Mojica *et al*. 2006ab, Ortega *et al*. 2006, Ortega-Lara 2006a, Villa-Navarro *et al*. 2006
Astyanax caucanus (Steindachner, 1879)	X	X				X			NMW 57372-76; SMNS 2833; ZMUC 993
Astyanax cordovae (Günther, 1880)				X					Bogotá-Gregory & Maldonado-Ocampo 2006
Astyanax daguae Eigenmann, 1913	X	X					X	X	FMNH 56251 [ex CM 5052]
Astyanax fasciatus (Cuvier, 1819)				X	X	X	X	X	Galvis *et al*. 1997, Lasso *et al*. 2004, Mojica *et al*. 2004, Maldonado-Ocampo *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Maldonado-Ocampo *et al*. 2006a, Mojica *et al*. 2006ab, Ortega *et al*. 2006, Ortega-Lara 2006a, Villa-Navarro *et al*. 2006
Astyanax fasslii (Steindachner, 1915)	X	X				X			NMW Holotype catalogue number unknown
Astyanax filiferus (Eigenmann, 1913)	X	X				X		X	CAS 62258 [ex IU 12847]
Astyanax gisleni Dahl, 1943	X	X				X			ZMUL
Astyanax integer Myers, 1930	X	X		X	X				SU 23726
Astyanax magdalenae Eigenmman & Henn, 1916	X	X				X		X	FMNH 57006 [ex CM 5822]; CAS 39223 [ex IU 13611]
Astyanax maximus (Steindachner, 1877)	X			X	X				FMNH 56640 [ex CM 5457], 56641; CAS 39229 [ex IU 13153]
Astyanax megaspilura Fowler, 1944	X	X					X	X	ANSP 71418; IAvH-P 6494
Astyanax metae Eigenmann, 1914	X				X				FMNH 56640 [ex CM 5457], 56641; CAS 39229 [ex IU 13153]
Astyanax microlepis Eigenmann, 1913	X	X		X	X	X	X		FMNH 56209 [ex CM 5001], 56210-14, 69559-61, 71291, 95006; CAS 39341-45 [ex IU 12769-73]; USNM 79167
Astyanax orthodus Eigenmann, 1907	X	X					X	X	USNM 55655

Taxa	DC	EN	CT	Amz	Ori	Mag-Cauc	Pac	Car	Collections/References
Astyanax ruberrimus Eigenmann, 1913	X					X	X	X	FMNH 56122 [ex CM 4912], 56123-25, 56292, 69557, 69562, 69745, 71292; CAS 61062-64 [ex IU 12751-53], 61065 [ex IU 12851]; IU 12751-53, 12851; USNM 79168 [ex CM] , 76940 (24, missing).
Astyanax schubarti Bristki, 1964				X					Bogotá-Gregory & Maldonado-Ocampo 2006
Astyanax scintillans Myers, 1928					X				Lasso *et al*. 2004
Astyanax siapae Garutti, 2003					X				Maldonado-Ocampo *et al*. 2006b
Astyanax stilbe (Cope, 1870)								X	Maldonado-Ocampo *et al*. 2006a
Astyanax superbus Myers, 1942					X				Lasso *et al*. 2004
Astyanax validus Géry, Planquette & Le Bail, 1991				X					Bogotá-Gregory & Maldonado-Ocampo 2006
Astyanax venezuelae Schultz, 1944					X				Lasso *et al*. 2004
Atopomesus pachyodus Myers, 1927	X			X					CAS 41736 [ex IU 17673]
Axelrodia riesei Géry, 1966	X	X			X				USNM 207923, 207924; ANSP 112512, 139715; MNHN 1982-0538; ZMA 113865
Axelrodia stigmatias (Fowler, 1913)				X					Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Ortega *et al*. 2006
Bario steindachneri (Eigenmann, 1893)				X					Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Ortega *et al*. 2006
Brittanichthys sp.					X				Maldonado-Ocampo *et al*. 2006b
Bryconamericus alpha Eigenmann, 1914	X				X				FMNH 56646 [ex CM 5463], 56646-47; CAS 18511 [ex IU 13157]
Bryconamericus andresoi Román-Valencia, 2003	X	X				X	X		IUQ 447, 448-449; CAS 70099-101; FMNH 56566-67
Bryconamericus arilepis Román-Valencia, Vanegas-Ríos & Ruíz-C., 2008	X	X				X			IUQ 920, 1915, 1917, 1567
Bryconamericus carlosi Román-Valencia, 2003				X					Román-Valencia *et al*. 2008
Bryconamericus caucanus Eigenmann, 1913	X	X				X		X	FMNH 56229 [ex CM 5031a], 56228, 56230-34, 69792; CAS 39510-15 [ex IU 12795-800]; UMMZ 63039
Bryconamericus cismontanus Eigenmann, 1914	X				X				FMNH 56642 [ex CM 5459]
Bryconamericus cristiani Román-Valencia, 1999	X	X			X				ICNMNH 3445, 3446-49; IUQ 381-382
Bryconamericus dahli Román-Valencia, 2000	X	X					X		ICNMNH 2722; IAvH-P 4734; IMCN 1689, 3894, 3905, 3911, 3918, 4052

Taxa	DC	EN	CT	Amz	Ori	Mag-Cauc	Pac	Car	Collections/References
Bryconamericus deuterodonoides Eigenmann, 1914	X			X	X				FMNH 56644 [ex CM 5461], 56645; CAS 61221 [ex IU 13156]
Bryconamericus emperador (Eigenmann & Ogle, 1907)						X	X	X	Galvis *et al*. 1997, Maldonado-Ocampo *et al*. 2005, Mojica *et al*. 2004, Ortega-Lara *et al*. 2006b
Bryconamericus galvisi Román-Valencia, 2000	X	X		X					ICNMNH 2720, 2721; IUQ 221-223
Bryconamericus guaytarae Eigenmann & Henn, 1914	X	X				X	X		FMNH 56657 [ex CM 5474]; CAS 40844 [ex IU 13168]
Bryconamericus guizae Román-Valencia, 2003	X	X				X	X		IUQ 450, 451-452; STRI 1370
Bryconamericus huilae Román-Valencia, 2003	X	X				X			IUQ 422, 312-313, 423-424, 462-463, 476-477); STRI 00574
Bryconamericus icelus Dahl, 1964	X	X						X	SMF 16284
Bryconamericus ichoensis Román-Valencia, 2000	X	X						X	ICNMNH 2718, 2719
Bryconamericus loisae Géry, 1964	X	X			X				USNM 198645; ANSP 139713; MNHN 1980-1426
Bryconamericus miraensis Fowler, 1945	X	X				X	X		ANSP 71686, 71687-92, 71693, 71694
Bryconamericus multiradiatus Dahl, 1960	X	X						X	ICNMHN 82, 58
Bryconamericus pachacuti Eigenmann, 1927				X					Bogotá-Gregory & Maldonado-Ocampo 2006
Bryconamericus peruanus (Müller & Troschel, 1845)							X	X	Maldonado-Ocampo *et al*. 2006a, Mojica *et al*. 2004, Román-Valencia *et al*. 2008
Bryconamericus plutarcoi Román-Valencia, 2001	X	X				X			ICNMNH 4887; IUQ 308, 461, 472, 473
Bryconamericus scleroparius (Regan, 1908)							X	X	Maldonado-Ocampo *et al*. 2006a, Mojica *et al*. 2004
Bryconella pallidifrons (Fowler, 1946)				X					Bogotá-Gregory & Maldonado-Ocampo 2006, Ortega *et al*. 2006
Bryconops affinis (Günther, 1864)				X	X				Lasso *et al*. 2004, Bogotá-Gregory & Maldonado-Ocampo 2006
Bryconops alburnoides Kner, 1858				X	X				Lasso *et al*. 2004, Bogotá-Gregory & Maldonado-Ocampo 2006, Maldonado-Ocampo *et al*. 2006b
Bryconops caudomaculatus (Günther, 1864)				X	X				Lasso *et al*. 2004, Bogotá-Gregory & Maldonado-Ocampo 2006, Maldonado-Ocampo *et al*. 2006b
Bryconops collettei Chernoff & Machado-Allison, 2005				X					IAvH-P 7658*
Bryconops giacopinni (Fernández-Yépez, 1950)				X	X				Bogotá-Gregory & Maldonado-Ocampo 2006, Maldonado-Ocampo *et al*. 2006b

Taxa	DC	EN	CT	Amz	Ori	Mag-Cauc	Pac	Car	Collections/References
Bryconops humeralis Machado-Allison, Chernoff & Buckup, 1996					X				Maldonado-Ocampo *et al*. 2006b
Bryconops inpai Knöppel, Junk & Géry, 1968				X	X				Lasso *et al*. 2004, Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Maldonado-Ocampo *et al*. 2006b, Ortega *et al*. 2006
Bryconops melanurus (Bloch, 1794)				X	X				Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006
Carlastyanax aurocaudatus (Eigenmann, 1913)	X	X	NT			X			FMNH 56882 [ex CM 5162], 56883; CAS 68647 [ex IU 12911]
Ceratobranchia obtusirostris Eigenmann, 1914				X					Bogotá-Gregory & Maldonado-Ocampo 2006
Chalceus epakros Zanata & Toledo-Piza, 2004				X	X				Lasso *et al*. 2004, Bogotá-Gregory & Maldonado-Ocampo 2006, Maldonado-Ocampo *et al*. 2006b
Chalceus erythrurus (Cope, 1870)				X					Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Ortega *et al*. 2006
Chalceus macrolepidotus Cuvier, 1816				X	X				Lasso *et al*. 2004, Maldonado-Ocampo 2004, Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Maldonado-Ocampo *et al*. 2006b, Ortega *et al*. 2006
Creagrutus affinis Steindachner, 1880	X					X	X	X	NMW 67120.2-5
Creagrutus amoenus Fowler, 1943	X			X					ANSP 70499, 70500-02, 70503
Creagrutus atratus Vari & Harold, 2001	X	X			X	X			ANSP 134080; NRM 16842-43; USNM 353866-67
Creagrutus beni Eigenmann, 1911				X					Bogotá-Gregory & Maldonado-Ocampo 2006
Creagrutus bolivari Schultz, 1944					X				Lasso *et al*. 2004, Maldonado-Ocampo *et al*. 2006b
Creagrutus brevipinnis Eigenmann, 1913	X	X				X			FMNH 56095 [ex CM 4887a], 56096-98, 75172; CAS 41341-42 [ex IU 12728-29], 41375 [ex IU 12730]; USNM 79188
Creagrutus calai Vari & Harold, 2001	X	X			X				ANSP 130527, 139149, 177718; NRM 16848-49, 43015-16; USNM 353304, 353307, 353868
Creagrutus caucanus, Eigenmann, 1913	X	X				X			FMNH 56104 [ex CM 4895a], 56105-08; CAS 41373-74 [ex IU 12736-37], 69304 [ex IU 12738]
Creagrutus cochui Géry, 1964				X					Bogotá-Gregory & Maldonado-Ocampo 2006
Creagrutus flavescens Vari & Harold, 2001				X					Bogotá-Gregory & Maldonado-Ocampo 2006
Creagrutus guanes Torres-Mejía & Vari, 2005	X	X				X			ICNMHN 8520, 8521, 8522, 9893, 9894, 9895, 9896, 9897, 9898

Taxa	DC	EN	CT	Amz	Ori	Mag-Cauc	Pac	Car	Collections/References
Creagrutus hildebrandi Schultz, 1944								X	Galvis *et al*. 1997
Creagrutus machadoi Vari & Harold, 2001					X				Galvis *et al*. 2007a
Creagrutus magdalenae Eigenmann, 1913	X	X				X			FMNH 56088 [ex CM 4880], 56089, 56092-93, 69730; CAS 41641 [ex IU 12722], 60056-57 [ex IU 12725-26]
Creagrutus magoi Vari & Harold, 2001					X				Lasso *et al*. 2004, Maldonado-Ocampo *et al*. 2006b
Creagrutus maracaiboensis Schultz, 1944								X	Galvis *et al*. 1997
Creagrutus maxillaris (Myers, 1927)				X	X				Lasso *et al*. 2004, Bogotá-Gregory & Maldonado-Ocampo 2006, Maldonado-Ocampo *et al*. 2006b
Creagrutus melanzonus Eigenmann, 1909					X				IAvH-P 3233*
Creagrutus nigrostigmatus Dahl, 1960	X	X				X		X	ICNMHN 989; SU 49491
Creagrutus paralacus Harold & Vari, 1994								X	Galvis *et al*. 1997, Maldonado-Ocampo *et al*. 2005
Creagrutus phasma Myers, 1927					X				Lasso *et al*. 2004
Creagrutus taphorni Vari & Harold, 2001					X				Lasso *et al*. 2004
Creagrutus tuyuka (Vari & Lima, 2003)				X					Bogotá-Gregory & Maldonado-Ocampo 2006
Ctenobrycon hauxwellianus (Cope, 1870)				X	X				Lasso *et al*. 2004, Maldonado-Ocampo 2004, Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Maldonado-Ocampo *et al*. 2006b, Ortega *et al*. 2006
Ctenobrycon spilurus (Valenciennes, 1850)				X	X				Lasso *et al*. 2004, Maldonado-Ocampo 2004, Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Maldonado-Ocampo *et al*. 2006b, Ortega *et al*. 2006
Deuterodon cf. *potaroensis* (Eigenmann, 1909)					X				IAvH-P 3295*
Engraulisoma taeniatum Castro, 1981				X	X				Lasso *et al*. 2004, Ortega *et al*. 2006
Exodon paradoxus Müller & Troschel, 1844					X				Lasso *et al*. 2004, Maldonado-Ocampo 2004, Maldonado-Ocampo *et al*. 2006b
Genycharax tarpon Eigenmann, 1912	X	X	B2c			X			FMNH 56018 [ex CM 4808], 56019-2, 69547, 69779; CAS 44271-73 [ex IU 12672-74]; USNM 79207
Grundulus bogotensis (Humboldt, 1821)	X	X	NT			X			ZMB 33306, 3505, 31499
Grundulus cochae Román-Valencia, Paepke & Pantoja, 2003	X	X		X		X			IUQ 453, 454, 455; STRI 1369

Taxa	DC	EN	CT	Amz	Ori	Mag-Cauc	Pac	Car	Collections/References
Gymnocorymbus bondi (Fowler, 1911)	X				X				ANSP 37863, 37864, 37865 (1, missing); CM [ex ASNP 37866]
Gymnocorymbus thayeri Eigenmann, 1908				X	X				Lasso *et al*. 2004, Maldonado-Ocampo 2004, Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Maldonado-Ocampo *et al*. 2006b, Ortega *et al*. 2006
Hemibrycon boquiae (Eigenmann, 1913)	X	X				X			FMNH 56259 [ex CM 5059], 56260;CAS 44332 [ex IU 12831]
Hemibrycon carrilloi Dahl, 1960	X	X				X	X	X	ICNMHN (Holoytpe apparently destroyed), 29, 31, 126
Hemibrycon colombianus Eigenmann, 1914	X	X				X			MNH 56653 [ex CM 5470], 56654-56; CAS 44350 [ex IU 13162] , 44351 [ex IU 13163], 44352 [ex IU 13164], 44353 [ex IU 13165]
Hemibrycon dariensis Meek & Hildebrand, 1916								X	IAvHP 7156*, 7237*
Hemibrycon decurrens (Eigenmann, 1913)	X	X			X	X			FMNH 56255 [ex CM 5055]; CAS 39542 [IU 12829]
Hemibrycon dentatus (Eigenmann, 1913)	X	X				X			FMNH 56253 [ex CM 5054a], 56274, 5625, 56254, 69709; CAS 39543-45; USNM 79175
Hemibrycon fredcochui (Géry, 1966)	X			X					ANSP 111676 [ex Géry coll. 0124.18-19], 111668; MNHN 1980-1425; ZMA 113828
Hemibrycon jabonero Schultz, 1944					X			X	Galvis *et al*. 1997, Lasso *et al*. 2004, Maldonado-Ocampo 2004,
Hemibrycon jelskii (Steindachner, 1877)				X					IAvH-P 6188-6192*
Hemibrycon metae Myers, 1930	X	X		X	X				SU 23727
Hemibrycon microformaa Román-Valencia & Ruiz-C., 2007	X	X						X	IUQ 510, 511-514; MTDF 27628
Hemibrycon orcesi Böhlke, 1958				X					Bogotá-Gregory & Maldonado-Ocampo 2006
Hemibrycon rafaelense Román-Valencia & Arcila-Mesa, 2008	X	X				X			ICNMHN 6703, 3505; IUQ 499, 509; MCNG 54101; MTD F 27623-24
Hemibrycon tolimae Eigenmann, 1913	X	X				X			FMNH 56257 [ex CM 5057], 56258; CAS 44357 [ex IU 12830]
Hemibrycon velox Dahl, 1964	X	X				X		X	Holotype: whereabouts unknown; SMF 21300
Hemigrammus analis Durbin, 1909				X	X				Lasso *et al*. 2004, Maldonado-Ocampo 2004, Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Maldonado-Ocampo *et al*. 2006b
Hemigrammus barrigonae Eigenmann & Henn, 1914	X				X				CAS 44368 [ex IU 13423], 44369 [ex IU 13424]; AMNH 5320
Hemigrammus bellottii (Steindachner, 1882)				X	X				Lasso *et al*. 2004, Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Ortega *et al*. 2006

Taxa	DC	EN	CT	Amz	Ori	Mag-Cauc	Pac	Car	Collections/References
Hemigrammus bleheri Géry & Mahnert, 1986					X				Lasso *et al*. 2004
Hemigrammus brevis Ellis, 1911				X					Bogotá-Gregory & Maldonado-Ocampo 2006
Hemigrammus coeruleus Durbin, 1908				X					Bogotá-Gregory & Maldonado-Ocampo 2006
Hemigrammus cylindricus Durbin, 1909					X				IAvH-P 2555*
Hemigrammus elegans (Steindachner, 1882)					X				Maldonado-Ocampo *et al*. 2006b, Galvis *et al*. 2007a
Hemigrammus erythrozonus Durbin, 1909				X					Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006
Hemigrammus gracillis (Lütken, 1875)				X	X				Lasso *et al*. 2004, Bogotá-Gregory & Maldonado-Ocampo 2006, Ortega *et al*. 2006
Hemigrammus guyanensis Géry, 1959					X				Lasso *et al*. 2004
Hemigrammus hyanuary Durbin, 1918				X	X				Lasso *et al*. 2004, Bogotá-Gregory & Maldonado-Ocampo 2006
Hemigrammus iota Durbin, 1909				X					Bogotá-Gregory & Maldonado-Ocampo 2006
Hemigrammus levis Durbin, 1908				X	X				Lasso *et al*. 2004, Maldonado-Ocampo 2004, Bogotá-Gregory & Maldonado-Ocampo 2006, Maldonado-Ocampo *et al*. 2006b
Hemigrammus luelingi Géry, 1964				X					Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Ortega *et al*. 2006
Hemigrammus lunatus Durbin, 1918				X					Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006
Hemigrammus marginatus Ellis, 1911				X	X				Lasso *et al*. 2004, Bogotá-Gregory & Maldonado-Ocampo 2006
Hemigrammus melanochrous Fowler, 1913				X					Bogotá-Gregory & Maldonado-Ocampo 2006
Hemigrammus micropterus Meek, 1907					X				Lasso *et al*. 2004, Maldonado-Ocampo *et al*. 2006b
Hemigrammus microstomus Durbin, 1918				X	X				Lasso *et al*. 2004, Maldonado-Ocampo 2004, Bogotá-Gregory & Maldonado-Ocampo 2006, Maldonado-Ocampo *et al*. 2006b, Ortega *et al*. 2006
Hemigrammus mimus Böhlke, 1955					X				Lasso *et al*. 2004
Hemigrammus newboldi (Fernández-Yépez, 1949)					X				Lasso *et al*. 2004
Hemigrammus ocellifer (Steindachner, 1882)				X					Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Ortega *et al*. 2006

Taxa	DC	EN	CT	Amz	Ori	Mag-Cauc	Pac	Car	Collections/References
Hemigrammus pretoensis Géry, 1965				X					Bogotá-Gregory & Maldonado-Ocampo 2006
Hemigrammus pulcher Ladiges, 1938				X					Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Ortega *et al*. 2006
Hemigrammus rhodostomus Ahl, 1924				X	X				Lasso *et al*. 2004, Bogotá-Gregory & Maldonado-Ocampo 2006, Maldonado-Ocampo *et al*. 2006b
Hemigrammus schmardae (Steindachner, 1882)				X	X				Lasso *et al*. 2004, Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Maldonado-Ocampo *et al*. 2006b
Hemigrammus stictus (Durbin, 1909)				X	X				Lasso *et al*. 2004, Bogotá-Gregory & Maldonado-Ocampo 2006
Hemigrammus tridens Eigenmann, 1907				X					Bogotá-Gregory & Maldonado-Ocampo 2006
Hemigrammus unilineatus (Gill, 1858)				X	X				Lasso *et al*. 2004, Ortega *et al*. 2006
Hemigrammus vorderwinkleri Géry, 1963				X	X				Lasso *et al*. 2004, Maldonado-Ocampo 2004, Bogotá-Gregory & Maldonado-Ocampo 2006, Maldonado-Ocampo *et al*. 2006b, Ortega *et al*. 2006
Hyphessobrycon agulha Fowler, 1913				X					Bogotá-Gregory & Maldonado-Ocampo 2006, Ortega *et al*. 2006
Hyphessobrycon albolineatum Fernández-Yépez, 1950					X				IAvH-P 760*
Hyphessobrycon bentosi Durbin, 1908				X	X				Lasso *et al*. 2004, Bogotá-Gregory & Maldonado-Ocampo 2006, Maldonado-Ocampo *et al*. 2006b
Hyphessobrycon columbianus Zarske & Géry, 2001	X	X						X	MTDF 25497, 25498
Hyphessobrycon condotensis Regan, 1913	X	X					X		BMNH 1913.10.1.19-21
Hyphessobrycon copelandi Durbin, 1908				X					Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Ortega *et al*. 2006
Hyphessobrycon diancistrus Weitzman, 1977	X				X				USNM 216607, 216606; BMNH 1977.1.12.1-2; MZUSP 13179-80
Hyphessobrycon ecuadoriensis Eigenmann & Henn, 1914				X					Bogotá-Gregory & Maldonado-Ocampo 2006
Hyphessobrycon eos Durbin, 1909					X				Lasso *et al*. 2008
Hyphessobrycon eques (Steindachner, 1882)				X					Galvis *et al*. 2007b
Hyphessobrycon erythrostigma (Fowler, 1943)				X					Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Ortega *et al*. 2006
Hyphessobrycon gracilior Géry, 1964				X					Bogotá-Gregory & Maldonado-Ocampo 2006

Taxa	DC	EN	CT	Amz	Ori	Mag-Cauc	Pac	Car	Collections/References
Hyphessobrycon inconstans (Eigenmann & Ogle, 1907)						X		X	Maldonado-Ocampo *et al*. 2006a, Mojica *et al*. 2006b
Hyphessobrycon loretoensis Ladiges, 1938				X					Bogotá-Gregory & Maldonado-Ocampo 2006, Ortega *et al*. 2006
Hyphessobrycon melazonatus Durbin, 1908				X					Bogotá-Gregory & Maldonado-Ocampo 2006
Hyphessobrycon metae Eigenmann & Henn, 1914	X				X				CAS 61751 [ex IU 13421], 61752
Hyphessobrycon minimus Durbin, 1909					X				IAvH-P 1863*
Hyphessobrycon minor Durbin, 1909					X				Lasso *et al*. 2004, Maldonado-Ocampo 2004, Maldonado-Ocampo *et al*. 2006b
Hyphessobrycon ocasoensis García-Alzate & Román-Valencia, 2008	X	X				X			García-Alzate & Román-Valencia 2008
Hyphessobrycon oritoensis García-Alzate, Román-Valencia & Taphorn, 2008	X	X		X					IUQ 1574, 129, 1575; MBUCV-V 33737; MCGN 55844
Hyphessobrycon panamensis Durbin, 1908							X	X	Maldonado-Ocampo *et al*. 2006a, Mojica *et al*. 2004, Ortega-Lara et al 2006b
Hyphessobrycon peruvianus Ladiges, 1938				X					Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Ortega *et al*. 2006
Hyphessobrycon poecilioides Eigenmann, 1913	X	X	NT			X	X		FMNH 56290 [ex CM 5091], 56291, 75150; CAS 77396 [ex IU 12850]; USNM 79214
Hyphessobrycon proteus Eigenmann, 1913	X	X				X		X	FMNH 56293 [ex CM 5094], 56294-99, 56381-82, 69778; CAS 57603 [ex IU 12858], 60478-83 [ex IU 12852-57]; SU 22754; USNM 79215, 167819
Hyphessobrycon saizi Géry, 1964	X	X			X				USNM 198647; ZMA 114206
Hyphessobrycon scholzei Ahl, 1937				X					Bogotá-Gregory & Maldonado-Ocampo 2006
Hyphessobrycon sovichthys Schultz, 1944								X	Galvis *et al*. 1997, García-Alzate *et al*. 2008
Hyphessobrycon sweglesi (Géry, 1961)	X	X		X	X				USNM 196090
Hyphessobrycon cf. *tropis* Géry, 1963					X				Lasso *et al*. 2004
Hyphessobrycon tukunai Géry, 1965				X					Bogotá-Gregory & Maldonado-Ocampo 2006
Jupiaba abramoides (Eigenmann, 1909)					X				Lasso *et al*. 2004
Jupiaba anteroides (Géry, 1965)				X	X				Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Galvis *et al*. 2007ab

Taxa	DC	EN	CT	Amz	Ori	Mag-Cauc	Pac	Car	Collections/References
Jupiaba asymmetrica (Eigenmann, 1908)				X					Bogotá-Gregory & Maldonado-Ocampo 2006
Jupiaba mucronata (Eigenmann, 1909)					X				Lasso *et al*. 2004
Jupiaba pinnata (Eigenmann, 1909)					X				Lasso *et al*. 2004
Jupiaba poekotero Zanata & Lima, 2005				X					Bogotá-Gregory & Maldonado-Ocampo 2006
Jupiaba polylepis (Günther, 1864)					X				Lasso *et al*. 2004
Jupiaba scologaster (Weitzman & Vari, 1986)				X					Galvis *et al*. 2007b
Jupiaba zonata (Eigenmann, 1908)				X					Bogotá-Gregory & Maldonado-Ocampo 2006, Ortega *et al*. 2006
Knodus breviceps Eigenmann, 1908				X	X				Lasso *et al*. 2004, Bogotá-Gregory & Maldonado-Ocampo 2006, Ortega *et al*. 2006
Knodus caquetae Fowler, 1945	X	X		X					Bogotá-Gregory & Maldonado-Ocampo 2006
Knodus heteresthes (Eigenmann, 1908)				X					Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Ortega *et al*. 2006
Knodus hypopterus (Fowler, 1943)	X	X		X					ANSP 70505
Knodus meridae Eigenmann, 1911								X	IAvH-P 9575-9580*
Knodus moenkhausii (Eigenmann & Kennedy, 1903)				X					Bogotá-Gregory & Maldonado-Ocampo 2006
Knodus orteguasae (Fowler, 1943)	X	X		X					ANSP 70504
Knodus tiquiensis Ferreira & Lima, 2006				X					Ferreira & Lima 2006
Leptagoniates pi Vari, 1978				X					Bogotá-Gregory & Maldonado-Ocampo 2006
Leptagoniates steindachneri Boulenger, 1887				X					Ortega *et al*. 2006
Markiana geayi (Pellegrin, 1909)				X	X				Lasso *et al*. 2004, Bogotá-Gregory & Maldonado-Ocampo 2006, Ortega *et al*. 2006
Microgenys minuta Eigenmann, 1913	X	X	NT			X			FMNH 56215 [ex CM 5007], 56216; CAS 47170 [ex IU 12818]
Microschemobrycon callops Böhlke, 1953					X				Lasso *et al*. 2004, Maldonado-Ocampo *et al*. 2006b
Microschemobrycon casiquiare Böhlke, 1953				X	X				Lasso *et al*. 2004, Maldonado-Ocampo *et al*. 2006b, Galvis *et al*. 2007a, 2007b
Microschemobrycon geisleri Géry, 1973				X					Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006

Taxa	DC	EN	CT	Amz	Ori	Mag-Cauc	Pac	Car	Collections/References
Moenkhausia browni Eigenmann, 1909				X	X				Lasso *et al*. 2004, Galvis *et al*. 2007b
Moenkhausia cf. *ceros* Eigenmann, 1908					X				Maldonado-Ocampo *et al*. 2006b
Moenkhausia chrysargyrea (Günther, 1864)				X	X				Lasso *et al*. 2004, Maldonado-Ocampo 2004, Maldonado-Ocampo *et al*. 2006b, Ortega *et al*. 2006
Moenkhausia collettii (Steindachner, 1882)				X	X				Lasso *et al*. 2004, Maldonado-Ocampo 2004, Bogotá-Gregory & Maldonado-Ocampo 2006, Maldonado-Ocampo *et al*. 2006b
Moenkhausia comma Eigenmann, 1908				X					Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Ortega *et al*. 2006
Moenkhausia copei (Steindachner, 1882)				X	X				Lasso *et al*. 2004, Maldonado-Ocampo 2004, Bogotá-Gregory & Maldonado-Ocampo 2006, Maldonado-Ocampo *et al*. 2006b, Ortega *et al*. 2006
Moenkhausia cotinho Eigenmann, 1908				X	X				Lasso *et al*. 2004, Maldonado-Ocampo 2004, Bogotá-Gregory & Maldonado-Ocampo 2006, Maldonado-Ocampo *et al*. 2006b
Moenkhausia dichroura (Kner, 1858)				X	X				Lasso *et al*. 2004, Maldonado-Ocampo 2004, Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Maldonado-Ocampo *et al*. 2006b, Ortega *et al*. 2006
Moenkhausia doceana (Steindachner, 1877)					X				IAvH-P 2507, 3166*
Moenkhausia eigenmanni Géry, 1964	X	X			X				USNM 198640; ANSP 112249, 139712; MNHN 1980-1445
Moenkhausia georgiae Géry, 1965					X				Lasso *et al*. 2004
Moenkhausia grandisquamis (Müller & Troschel, 1845)				X	X				Lasso *et al*. 2004, Bogotá-Gregory & Maldonado-Ocampo 2006, Maldonado-Ocampo *et al*. 2006b
Moenkhausia intermedia Eigenmann, 1908				X	X				Maldonado-Ocampo *et al*. 2006b, Galvis *et al*. 2007b
Moenkhausia jamesi Eigenmann, 1908					X				Lasso *et al*. 2004, Maldonado-Ocampo *et al*. 2006b
Moenkhausia lepidura (Kner, 1858)				X	X				Lasso *et al*. 2004, Maldonado-Ocampo 2004, Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Maldonado-Ocampo *et al*. 2006b, Ortega *et al*. 2006
Moenkhausia megalops (Eigenmann, 1907)				X	X				Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Maldonado-Ocampo *et al*. 2006b
Moenkhausia melogramma Eigenmann, 1908				X	X				Lasso *et al*. 2004, Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Ortega *et al*. 2006

Taxa	DC	EN	CT	Amz	Ori	Mag-Cauc	Pac	Car	Collections/References
Moenkhausia metae Eigenmann, 1922	X	X			X				CAS 55610 [ex IU 15026a], 55609 [ex IU 15026], 55608 [ex IU 13951]; FMNH 55214
Moenkhausia miangi Steindachner, 1915				X					Bogotá-Gregory & Maldonado-Ocampo 2006
Moenkhausia naponis Böhlke, 1958				X					Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Ortega *et al*. 2006
Moenkhausia newtoni Travassos, 1964				X					Bogotá-Gregory & Maldonado-Ocampo 2006
Moenkhausia oligolepis (Günther, 1864)				X	X				Lasso *et al*. 2004, Maldonado-Ocampo 2004, Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Maldonado-Ocampo *et al*. 2006b, Ortega *et al*. 2006
Moenkhausia orteguasae Fowler, 1943	X	X		X					ANSP 70496
Moankhausia ovalis (Günther, 1868)				X					Bogotá-Gregory & Maldonado-Ocampo 2006
Moenkhausia robertsi Géry, 1964				X					Bogotá-Gregory & Maldonado-Ocampo 2006
Moenkhausia sanctaefilomenae (Steindachner, 1907)				X					Bogotá-Gregory & Maldonado-Ocampo 2006
Moenkhausia simulata (Eiegenmann, 1924)				X					Bogotá-Gregory & Maldonado-Ocampo 2006
Moenkhausia takasei Géry, 1964				X					Ortega *et al*. 2006
Nematobrycon lacortei Weitzman & Fink, 1971	X	X					X	X	USNM 205594, 205595-96; BMNH 1971.3.16.1; CAS 13396; FMNH 70525; ZMA 110740
Nematobrycon palmeri Eigenmann, 1911	X	X					X	X	BMNH 1910.7.11.196-201, 1910.7.11.196, 1910.7.11.202-207
Othonocheirodus sp.					X				Lasso *et al*. 2004, Maldonado-Ocampo 2004
Paracheirodon axelrodi (Schultz, 1956)					X				Lasso *et al*. 2004, Maldonado-Ocampo 2004
Paracheirodon innesi (Myers, 1936)				X					Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Ortega *et al*. 2006
Paracheirodon simulans (Géry, 1963)					X				Lima *et al*. 2003
Paragoniates alburnus Steindachner, 1876				X	X				Lasso *et al*. 2004, Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Ortega *et al*. 2006
Parapristella georgiae Géry, 1964					X				Lasso *et al*. 2004, Maldonado-Ocampo 2004, Maldonado-Ocampo *et al*. 2006b
Petitella georgiae Géry & Boutiére, 1964				X					Bogotá-Gregory & Maldonado-Ocampo 2006, Galvis *et al*. 2007b
Phenagoniates macrolepis (Meek & Hildebrand, 1913)								X	Maldonado-Ocampo *et al*. 2006a, Mojica *et al*. 2004

Taxa	DC	EN	CT	Amz	Ori	Mag-Cauc	Pac	Car	Collections/References
Prionobrama filigera (Cope, 1870)				X					Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Ortega *et al*. 2006
Pristella maxillaris (Ulrey, 1894)					X				Lasso *et al*. 2004
Pseudochalceus kyburzi Schultz, 1966	X	X					X		USNM 231738 [was USNM 257403-F27], 171751, 231739 [ex USNM 258173-F1]
Pseudochalceus longianalis Géry, 1972	X						X		MHNG 1226.90., 1226.91-99; ANSP 140067; Géry personal collection 0690
Salminus affinis Steindachnner, 1880	X		A1d, A2d	X		X		X	MHNG 1226.90, 1226.91-99; ANSP 140067
Salminus hilarii Valenciennes, 1850				X	X				Lasso *et al*. 2004, Bogotá-Gregory & Maldonado-Ocampo 2006, Ortega *et al*. 2006
Schultzites axelrodi Géry, 1964	X	X			X				USNM 198642
Serrabrycon magoi Vari, 1986					X				Lasso *et al*. 2004, Maldonado-Ocampo 2004
Stichonodon insignis (Steindachner, 1876)				X					Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006
Thayeria boehlkei Weitzman, 1957				X					Bogotá-Gregory & Maldonado-Ocampo 2006
Thayeria obliqua Eigenmann, 1908				X	X				Lasso *et al*. 2004, Maldonado-Ocampo 2004, Bogotá-Gregory & Maldonado-Ocampo 2006, Maldonado-Ocampo *et al*. 2006b, Ortega *et al*. 2006
Thrissobrycon pectinifer Böhlke, 1953					X				Lasso *et al*. 2004, Maldonado-Ocampo *et al*. 2006b
Triportheus albus Cope, 1872				X					Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Ortega *et al*. 2006
Triportheus angulatus (Spix & Agassiz, 1829)				X					Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Ortega *et al*. 2006
Triportheus auritus (Valenciennes, 1850)					X				Lasso *et al*. 2004, Maldonado-Ocampo 2004, Maldonado-Ocampo *et al*. 2006b
Triportheus elongatus (Günther, 1864)				X					Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Ortega *et al*. 2006
Triportheus brachipomus Malabarba, 2004					X				Lasso *et al*. 2004, Maldonado-Ocampo 2004, Maldonado-Ocampo *et al*. 2006b
Triportheus magdalenae (Steindachner, 1878)	X	X				X			NMW 69151-54; ZMUC 87
Triportheus orinocensis Malabarba, 2004					X				Lasso *et al*. 2004
Triportheus pictus (Garman, 1890)				X					Bogotá-Gregory & Maldonado-Ocampo 2006

Taxa	DC	EN	CT	Amz	Ori	Mag-Cauc	Pac	Car	Collections/References
Triportheus venezuelensis Malabarba, 2004					X				Lasso *et al*. 2004, Maldonado-Ocampo 2004, Maldonado-Ocampo *et al*. 2006b
Xenagoniates bondi Myers, 1942					X				Lasso *et al*. 2004
Agoniatinae									
Agoniates anchovia Eigenmann, 1914				X					Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006
Agoniates halecinus Müller & Troschel, 1845				X	X				Bogotá-Gregory & Maldonado-Ocampo 2006, Maldonado-Ocampo *et al*. 2006b
Clupeacharacinae									
Clupeacharax anchoveoides Pearson, 1924				X					Ortega *et al*. 2006
Iguanodectinae									
Iguanodectes adujai Géry, 1970				X	X				IAvH-P 1118, 10249, 10673*
Iguanodectes geisleri Géry, 1970				X	X				Lasso *et al*. 2004, Maldonado-Ocampo 2004, Bogotá-Gregory & Maldonado-Ocampo 2006, Maldonado-Ocampo *et al*. 2006b
Iguanodectes purisii (Steindachner, 1908)				X					Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006
Iguanodectes spilurus (Günther, 1864)				X	X				Lasso *et al*. 2004, Maldonado-Ocampo 2004, Bogotá-Gregory & Maldonado-Ocampo 2006, Maldonado-Ocampo *et al*. 2006b, Ortega *et al*. 2006
Bryconinae									
Brycon amazonicus (Spix & Agassiz, 1829)					X				Lasso *et al*. 2004, Maldonado-Ocampo *et al*. 2006b
Brycon argenteus Meek & Hildebrand, 1913							X		Mojica *et al*. 2004
Brycon bicolor Pellegrin 1909				X	X				Lasso *et al*. 2004, Bogotá-Gregory & Maldonado-Ocampo 2006
Brycon cephalus (Günther, 1869)				X					Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006
Brycon dentex Günther, 1860							X		Mojica *et al*. 2004
Brycon falcatus Müller & Troschel, 1844				X	X				Lasso *et al*. 2004, Maldonado-Ocampo 2004, Bogotá-Gregory & Maldonado-Ocampo 2006, Maldonado-Ocampo *et al*. 2006b
Brycon fowleri Dahl, 1955	X	X				X		X	Holotype and paratypes: whereabouts unknown
Brycon henni Eigenmann, 1913	X	X				X	X		FMNH 56384 [ex CM 5152], 56341-46, 69556, 75147; CAS 18536, 39495-98; USNM 79169
Brycon hilarii-group				X					Bogotá-Gregory & Maldonado-Ocampo 2006
Brycon labiatus Steindachner, 1879	X	X				X			NMW Holotype catalogue number unknown

Taxa	**DC**	**EN**	**CT**	**Amz**	**Ori**	**Mag-Cauc**	**Pac**	**Car**	**Collections/References**
Brycon medemi Dahl, 1960	X	X						X	ICNMHN 41, 73
Brycon meeki Eigenmann & Hildebrand, 1918	X	X					X	X	CAS 13467 [ex IU 13467], 13460, 18542, 18537, 54945, 61208-15, 61217-18; SU 22761; USNM 280489; MBUCV
Brycon melanopterus (Cope, 1872)				X	X				Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Ortega *et al*. 2006, Galvis *et al*. 2007a
Brycon moorei Steindachner, 1878	X	X				X		X	NMW Holotype catalogue number unknown
Brycon oligolepis Regan, 1913	X						X	X	BMNH 1913.10.1.8-9
Brycon opalinus (Cuvier, 1819)				X					Bogotá-Gregory & Maldonado-Ocampo 2006
Brycon pesu Müller & Troschel, 1845				X	X				Bogotá-Gregory & Maldonado-Ocampo 2006, Galvis *et al*. 2007ab
Brycon posadae Fowler, 1945	X						X		ANSP 71695
Brycon rubricauda Steindachner, 1879	X	X				X		X	NMW Holotype catalogue number unknown
Brycon sinuensis Dahl, 1955	X	X						X	Syntypes: lost
Brycon striatulus (Kner, 1863)							X	X	IAvH-P 7150*
Brycon whitei Myers & Weitzman, 1960	X				X				SU 48818, 48817 [not SU 44817]
Serrasalminae									
Catoprion mento (Cuvier, 1819)				X	X				Lasso *et al*. 2004, Maldonado-Ocampo 2004, Bogotá-Gregory & Maldonado-Ocampo 2006, Maldonado-Ocampo *et al*. 2006b
Colossoma macropomum (Cuvier, 1818)			NT	X	X				Lasso *et al*. 2004, Maldonado-Ocampo 2004, Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Maldonado-Ocampo *et al*. 2006b, Ortega *et al*. 2006
Metynnis argenteus Ahl, 1923				X	X				Lasso *et al*. 2004, Bogotá-Gregory & Maldonado-Ocampo 2006
Metynnis hypsauchen (Müller & Trsochel, 1844)				X	X				Lasso *et al*. 2004, Bogotá-Gregory & Maldonado-Ocampo 2006
Metynnis lippincottianus Cope, 1870				X	X				Lasso *et al*. 2004, Bogotá-Gregory & Maldonado-Ocampo 2006
Metynnis luna (Cope, 1870)				X	X				Lasso *et al*. 2004, Bogotá-Gregory & Maldonado-Ocampo 2006
Metynnis maculatus (Kner, 1858)				X					Ortega *et al*. 2006
Mylesinus schomburgki Valenciennes, 1850					X				Lasso *et al*. 2004
Myleus pacu (Jardine & Schomburgk, 1841)				X					Bogotá-Gregory & Maldonado-Ocampo 2006
Myleus rhomboidalis (Cuvier, 1818)				X					Bogotá-Gregory & Maldonado-Ocampo 2006

Taxa	DC	EN	CT	Amz	Ori	Mag-Cauc	Pac	Car	Collections/References
Myleus schomburgkii Valenciennes, 1849				X	X				Lasso *et al*. 2004, Bogotá-Gregory & Maldonado-Ocampo 2006, Maldonado-Ocampo *et al*. 2006b
Myleus setiger (Valenciennes, 1849)				X	X				Lasso *et al*. 2004, Bogotá-Gregory & Maldonado-Ocampo 2006, Maldonado-Ocampo *et al*. 2006b
Myleus ternetzi (Norman, 1929)				X					Galvis *et al*. 2007b
Myleus torquatus (Kner, 1860)				X	X				Lasso *et al*. 2004, Bogotá-Gregory & Maldonado-Ocampo 2006, Maldonado-Ocampo *et al*. 2006b
Myloplus asterias (Muller & Troschel, 1845)				X	X				Lasso *et al*. 2004, Bogotá-Gregory & Maldonado-Ocampo 2006
Myloplus rubripinnis (Müller & Troschel, 1844)				X	X				Lasso *et al*. 2004, Maldonado-Ocampo 2004, Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Maldonado-Ocampo *et al*. 2006b, Ortega *et al*. 2006
Mylossoma acanthogaster (Valenciennes, 1850)								X	Galvis *et al*. 1997
Mylossoma aureum (Agassiz, 1829)				X	X				Lasso *et al*. 2004, Maldonado-Ocampo 2004, Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Maldonado-Ocampo *et al*. 2006b, Ortega *et al*. 2006
Mylossoma duriventre (Cuvier, 1818)				X	X				Lasso *et al*. 2004, Maldonado-Ocampo 2004, Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Maldonado-Ocampo *et al*. 2006b, Ortega *et al*. 2006
Piaractus brachypomus (Cuvier, 1818)				X	X				Lasso *et al*. 2004, Maldonado-Ocampo 2004, Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Maldonado-Ocampo *et al*. 2006b, Ortega *et al*. 2006
Pristobrycon aureus (Spix & Agassiz, 1829)				X					Bogotá-Gregory & Maldonado-Ocampo 2006
Pristobrycon calmoni (Steindachner, 1908)				X	X				Lasso *et al*. 2004, Maldonado-Ocampo 2004, Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Maldonado-Ocampo *et al*. 2006b
Pristobrycon careospinus Fink & Machado-Allison, 1992				X	X				Lasso *et al*. 2004, Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Maldonado-Ocampo *et al*. 2006b
Pristobrycon maculipinnis Fink & Machado-Allison, 1992				X					Bogotá-Gregory & Maldonado-Ocampo 2006
Pristobrycon striolatus (Steindachner, 1908)				X	X				Lasso *et al*. 2004, Bogotá-Gregory & Maldonado-Ocampo 2006, Maldonado-Ocampo *et al*. 2006b
Pygocentrus cariba (Humboldt & Valenciennes, 1821)					X				Lasso *et al*. 2004, Maldonado-Ocampo 2004, Maldonado-Ocampo *et al*. 2006b
Pygocentrus nattereri Kner, 1858				X	X				Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Ortega *et al*. 2006

Taxa	DC	EN	CT	Amz	Ori	Mag-Cauc	Pac	Car	Collections/References
Pygopristis denticulata (Cuvier, 1819)					X				Maldonado-Ocampo *et al*. 2006b
Serrasalmus altuvei Ramírez, 1965				X	X				Lasso *et al*. 2004, Maldonado-Ocampo 2004, Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Maldonado-Ocampo *et al*. 2006b, Ortega *et al*. 2006
Serrasalmus compressus Jégu, Leão & Santos, 1991				X					Galvis *et al*. 2007b
Serrasalmus elongatus Kner, 1858				X					Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Ortega *et al*. 2006
Serrasalmus gouldingi (Fink & Machado-Alison, 1992)				X					Bogotá-Gregory & Maldonado-Ocampo 2006
Serrasalmus hollandi Eigenmann, 1915				X					Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006
Serrasalmus humeralis Valenciennes, 1850				X					Bogotá-Gregory & Maldonado-Ocampo 2006, Ortega *et al*. 2006
Serrasalmus irritans Peters, 1877				X	X				Lasso *et al*. 2004, Bogotá-Gregory & Maldonado-Ocampo 2006
Serrasalmus maculatus Kner, 1858				X					Jegú 2003
Serrasalmus manueli (Fernández-Yépez & Ramírez, 1967)				X	X				Lasso *et al*. 2004, Maldonado-Ocampo *et al*. 2006b
Serrasalmus medinai Ramírez, 1965				X	X				Lasso *et al*. 2004, Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Maldonado-Ocampo *et al*. 2006b
Serrasalmus nalseni Fernández-Yépez, 1969				X					Bogotá-Gregory & Maldonado-Ocampo 2006
Serrasalmus rhombeus (Linnaeus, 1766)				X	X				Lasso *et al*. 2004, Maldonado-Ocampo 2004, Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Maldonado-Ocampo *et al*. 2006b, Ortega *et al*. 2006
Serrasalmus sanchezi Géry, 1964				X					Bogotá-Gregory & Maldonado-Ocampo 2006
Serrasalmus spiropleura Kner, 1858				X	X				Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Ortega *et al*. 2006
Aphyocharacinae									
Aphyocharax alburnus (Günther, 1869)				X	X				Lasso *et al*. 2004, Maldonado-Ocampo 2004, Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Maldonado-Ocampo *et al*. 2006b, Ortega *et al*. 2006
Aphyocharax erythrurus Eigenmann, 1912				X	X				Lasso *et al*. 2004, Maldonado-Ocampo 2004, Maldonado-Ocampo *et al*. 2006b
Aphyocharax pusillus Günther, 1868				X					Bogotá-Gregory & Maldonado-Ocampo 2006, Ortega *et al*. 2006

Taxa	DC	EN	CT	Amz	Ori	Mag-Cauc	Pac	Car	Collections/References
Characinae									
Acanthocharax microlepis Eigenmann, 1912					X				Galvis *et al*. 2007a
Acestrocephalus anomalus (Steindachner, 1880)	X	X				X			NMW 57983
Acestrocephalus boehlkei Menezes, 1977				X					Bogotá-Gregory & Maldonado-Ocampo 2006, Ortega *et al*. 2006
Acestrocephalus sardina (Fowler, 1913)				X	X				Menezes 2006
Charax condei (Géry & Knöppel, 1876)				X	X				Lasso *et al*. 2004, Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Maldonado-Ocampo *et al*. 2006b
Charax gibbosus (Linnaeus, 1758)				X	X				Lasso *et al*. 2004, Maldonado-Ocampo 2004, Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Maldonado-Ocampo *et al*. 2006b, Ortega *et al*. 2006
Charax leticiae Lucena, 1987				X					Bogotá-Gregory & Maldonado-Ocampo 2006
Charax metae Eigenmann, 1912	X	X			X				CAS 41300 [ex IU 15027], 69117 [ex IU 15027]; FMNH 55145; SU 60707 [ex IU 15028]; UMMZ 160226; USNM 83631 [ex IU 15027]
Charax michaeli Lucena, 1989				X					Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006
Charax niger Lucena, 1989				X					Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006
Charax tectifer (Cope, 1870)				X					Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Ortega *et al*. 2006
Cynopotamus amazonus (Günther, 1868)				X					Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Ortega *et al*. 2006
Cynopotamus atratoensis (Eigenmann, 1907)	X	X						X	USNM 1664, 306567 [ex USNM 1664]
Cynopotamus bipunctatus Pellegrin, 1909					X				Lasso *et al*. 2004
Cynopotamus magdalenae (Steindachner, 1879)	X	X				X			NMW 62501-02 , 62504-05, 77769
Galeocharax gulo (Cope, 1870)				X					Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Ortega *et al*. 2006
Gnathocharax steindachneri Fowler, 1913					X				Lasso *et al*. 2004, Maldonado-Ocampo *et al*. 2006b
Heterocharax macrolepis Eigenmann, 1912				X	X				Lasso *et al*. 2004, Maldonado-Ocampo 2004, Bogotá-Gregory & Maldonado-Ocampo 2006, Maldonado-Ocampo *et al*. 2006b
Hoplocharax goethei Géry, 1966					X				Lasso *et al*. 2004, Maldonado-Ocampo *et al*. 2006b

Taxa	DC	EN	CT	Amz	Ori	Mag-Cauc	Pac	Car	Collections/References
Lonchogenys ilisha Myers, 1927				X	X				Lasso *et al*. 2004, Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Maldonado-Ocampo *et al*. 2006b, Ortega *et al*. 2006
Phenacogaster megalostictus Eigenmann, 1909					X				Lasso *et al*. 2004, Maldonado-Ocampo *et al*. 2006b
Phenacogaster microstictus Eigenmann, 1909					X				Lasso *et al*. 2004
Phenacogaster pectinatus (Cope, 1870)				X					Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006
Priocharax pygmaeus Weitzman & Vari, 1987	X	X		X					NRM 15048; MBUCV-V-15342; MZUSP 36498; NRM 17593; USNM 278479
Roeboides affinis (Günther, 1868)				X	X				Lasso *et al*. 2004, Maldonado-Ocampo 2004, Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Maldonado-Ocampo *et al*. 2006b, Ortega *et al*. 2006
Roeboides dayi (Steindachner, 1878)	X					X	X	X	NMW 67132
Roeboides dientonito Schultz, 1944					X				Lasso *et al*. 2004
Roeboides myersii Gill, 1870				X	X				Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Ortega *et al*. 2006
Roeboides occidentalis Meek & Hildebrand, 1916						X	X	X	Mojica *et al*. 2004, Maldonado-Ocampo *et al*. 2005, 2006a, Mojica *et al*.2006b, Villa-Navarro *et al*. 2006, Ortega-Lara *et al*. 2006a
Stethaprioninae									
Brachychalcinus copei (Steindachner, 1882)				X					Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006
Brachychalcinus nummus Böhlke, 1958				X					Bogotá-Gregory & Maldonado-Ocampo 2006
Brachychalcinus orbicularis (Valenciennes, 1850)				X	X				Lasso *et al*. 2004, Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006
Poptella brevispina Reis, 1989					X				IAvH-P 4382*
Poptella compressa (Günther, 1864)					X				Lasso *et al*. 2004
Poptella longipinnis (Popta, 1901)					X				Lasso *et al*. 2004
Stethaprion erythrops (Cope, 1870)				X					Galvis *et al*. 2007b
Tetragonopterinae									
Tetragonopterus argenteus Cuvier, 1816				X	X				Lasso *et al*. 2004, Maldonado-Ocampo 2004, Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Maldonado-Ocampo *et al*. 2006b, Ortega *et al*. 2006

Taxa	DC	EN	CT	Amz	Ori	Mag-Cauc	Pac	Car	Collections/References
Tetragonopterus chalceus Spix & Agassiz, 1829				X	X				Lasso *et al*. 2004, Maldonado-Ocampo 2004, Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Maldonado-Ocampo *et al*. 2006b, Ortega *et al*. 2006
Rhoadsiinae									
Parastremma album Dahl, 1960	X						X		ICNMHN 147, 147a
Parastremma pulchrum Dahl, 1960	X	X					X	X	ICNMHN 204
Parastremma sadina Eigenmann, 1912	X	X					X	X	FMNH 56022 [ex CM 4812], 56023, 69678; CAS 57600 [ex IU 12675]; USNM 79225
Cheirodontinae									
Cheirodon pulcher (Gill, 1858)					X				Lasso *et al*. 2004
Cheirodontops geayi Schultz, 1944					X				Lasso *et al*. 2004
Nanocheirodon insignis (Steindachner, 1880)	X	X				X		X	NMW 62543-44
Odontostilbe fugitiva Cope, 1870				X					Bogotá-Gregory & Maldonado-Ocampo 2006
Odontostilbe splendida Bührnheim & Malabarba, 2007	X				X				ANSP 181040; ANSP 181041; ICNMHN 14168; INPA 25173; MBUCV 32890;, MCNG 54519; MCP 38862
Saccoderma hastatus (Eigenmann, 1913)	X	X				X		X	FMNH 56383 [ex CM 5103], 56300, 69555; CAS 70919 [ex IU 12861]; USNM 79223
Saccoderma melanostigma Schultz, 1944								X	Mojica *et al*. 2004
Saccoderma robusta Dahl, 1955	X	X						X	MHNG 1066.39-42
Glandulocaudinae									
Argopleura chocoensis (Eigenmann, 1913)	X	X					X	X	FMNH 56235 [ex CM 5036], 56236-4, 69710, 69777; CAS 39030-33 [ex IU 12939-42]; USNM 236096 [ex 76943], 79173, 249871 [ex 76943]
Argopleura conventus (Eigenmann, 1913)	X	X				X			FMNH 56261 [ex CM 5060], 56262, 71290; CAS 39439 [ex IU 12802]; USNM 79174
Argopleura diquensis (Eigenmann, 1913)	X	X				X			FMNH 56272 [ex CM 5072], 56273, 69690; CAS 39013 [ex IU 12820]
Argopleura magdalenensis (Eigenmann, 1913)	X	X				X			FMNH 56263 [ex CM 5063], 56264-65, 56267-71, 56275, 69760; BMNH 1924.3.3.37-38; CAS 40827-32 [ex IU 12821-26]; USNM 79176, 236097
Corynopoma riisei Gill, 1858					X				Lasso *et al*. 2004
Gephyrocharax caucanus Eigenmann, 1912	X	X				X			FMNH 56012 [ex CM 4802], 56013-15, 69553, 95008; CAS 44275-77 [ex IU 12668-70]; USNM 81921
Gephyrocharax chocoensis Eigenmann, 1912	X	X					X	X	FMNH 56016; IAvH-P 7228-7233

Taxa	DC	EN	CT	Amz	Ori	Mag-Cauc	Pac	Car	Collections/References
Gephyrocharax martae Dahl, 1943	X	X				X			ZMUL Holotype catalogue number unknown
Gephyrocharax melanocheir Eigenmann, 1912	X	X				X		X	FMNH 56049 [ex CM 4839], 56050-51, 69554; CAS 44292-93 [ex IU 12696-97]; USNM 79209
Gephyrocharax sinuensis Dahl, 1964	X	X						X	Holotype ICNMHN (apparently destroyed), ICNMHN 749
Gephyrocharax valencia Eigenmann, 1920					X				Lasso *et al*. 2004
Pterobrycon landoni Eigenmann, 1913	X	X						X	FMNH 56250 [ex CM 5051]
Tyttocharax cochui (Ladiges, 1950)				X					Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006
Tyttocharax madeirae Fowler, 1913				X					Bogotá-Gregory & Maldonado-Ocampo 2006
Xenurobrycon heterodon Weitzman & Fink, 1985				X					Bogotá-Gregory & Maldonado-Ocampo 2006
Acestrorhynchidae									
Acestrorhynchus abbreviatus (Cope, 1878)				X					Galvis *et al*. 2007b
Acestrorhynchus falcatus (Bloch, 1794)				X	X				Lasso *et al*. 2004, Maldonado-Ocampo 2004, Bogotá-Gregory & Maldonado-Ocampo 2006, Maldonado-Ocampo *et al*. 2006b, Ortega *et al*. 2006
Acestrorhynchus falcirostris (Cuvier, 1819)				X	X				Lasso *et al*. 2004, Maldonado-Ocampo 2004, Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Maldonado-Ocampo *et al*. 2006b, Ortega *et al*. 2006
Acestrorhynchus grandoculis Menezes & Géry, 1983					X				Maldonado-Ocampo *et al*. 2006b
Acestrorhynchus heterolepis (Cope, 1878)				X	X				Bogotá-Gregory & Maldonado-Ocampo 2006, Maldonado-Ocampo *et al*. 2006b, Ortega *et al*. 2006
Acestrorhynchus lacustris (Lütken, 1875)				X					Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Ortega *et al*. 2006
Acestrorhynchus microlepis (Schomburgk, 1841)				X	X				Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Ortega *et al*. 2006
Acestrorhynchus minimus Menezes, 1969					X				Lasso *et al*. 2004, Maldonado-Ocampo *et al*. 2006b
Acestrorhynchus nasutus Eigenmann, 1912					X				Lasso *et al*. 2004
Cynodontidae									
Cynodon gibbus Spix & Agassiz, 1829				X	X				Lasso *et al*. 2004, Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Maldonado-Ocampo *et al*. 2006b, Ortega *et al*. 2006

Taxa	DC	EN	CT	Amz	Ori	Mag-Cauc	Pac	Car	Collections/References
Cynodon septenarius Toledo-Piza, 2000					X				Lasso *et al*. 2004
Gilbertolus alatus (Steindachner, 1878)	X	X				X			NMW 14998
Gilbertolus atratoensis Schultz, 1943	X	X						X	USNM 76976, 120170
Hydrolycus armatus (Jardine & Schomburgk, 1841)				X	X				Lasso *et al*. 2004, Bogotá-Gregory & Maldonado-Ocampo 2006, Maldonado-Ocampo *et al*. 2006b
Hydrolycus scomberoides (Cuvier, 1816)				X					Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Ortega *et al*. 2006
Hydrolycus tatauaia Toledo-Pizza, Menezes & Santos, 1999					X				Lasso *et al*. 2004
Hydrolycus wallacei Toledo-Pizza, Menezes & Santos, 1999				X	X				Lasso *et al*. 2004, Bogotá-Gregory & Maldonado-Ocampo 2006, Maldonado-Ocampo *et al*. 2006b
Rhaphiodon vulpinus Spix & Agassiz, 1829				X	X				Lasso *et al*. 2004, Maldonado-Ocampo 2004, Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Maldonado-Ocampo *et al*. 2006b, Ortega *et al*. 2006
Roestes molossus (Kner, 1858)				X					Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006
Roestes ogilviei (Fowler, 1914)				X					Galvis *et al*. 2007b
Erythrinidae									
Erythrinus erythrinus (Bloch & Schneider, 1801)				X	X				Lasso *et al*. 2004, Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Ortega *et al*. 2006
Hoplerythrinus unitaeniatus (Agassiz, 1829)				X	X				Lasso *et al*. 2004, Maldonado-Ocampo 2004, Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Maldonado-Ocampo *et al*. 2006b, Ortega *et al*. 2006
Hoplias malabaricus (Bloch, 1794)				X	X	X	X	X	Galvis *et al*. 1997, Lasso *et al*. 2004, Maldonado-Ocampo 2004, Mojica *et al*. 2004, Maldonado-Ocampo *et al*. 2005, Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Maldonado-Ocampo *et al*. 2006ab, Mojica *et al*. 2006ab, Ortega *et al*. 2006, Ortega-Lara 2006ab, Villa-Navarro *et al*. 2006
Hoplias microlepis (Günther, 1864)							X		Oyakawa 2003
Lebiasinidae									
Copeina guttata (Seteindachner, 1876)				X					Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Ortega *et al*. 2006
Copeina osgoodi Eigenmann, 1922				X					Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Ortega *et al*. 2006

Taxa	DC	EN	CT	Amz	Ori	Mag-Cauc	Pac	Car	Collections/References
Copella arnoldi (Regan, 1912)				X					Bogotá-Gregory & Maldonado-Ocampo 2006
Copella compta (Myers, 1927)				X					Bogotá-Gregory & Maldonado-Ocampo 2006
Copella metae (Eiegenmann, 1914)	X				X				CAS 60494 [ex IU 13251a], 60495 [ex IU 13251]; SU 24656
Copella nattereri (Steindachner, 1876)				X	X				Lasso *et al*. 2004, Bogotá-Gregory & Maldonado-Ocampo 2006, Ortega *et al*. 2006
Copella nigrofasciata (Meinken, 1952)				X					Bogotá-Gregory & Maldonado-Ocampo 2006
Copella vilmae Géry, 1963				X					Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006
Lebiasina astrigata Regan, 1913								X	Maldonado-Ocampo *et al*. 2006a, Mojica *et al*. 2004
Lebiasina aureoguttata Fowler, 1911							X		Mojica *et al*. 2004
Lebiasina chucuriensis Ardila Rodríguez, 2001	X	X				X			CAR 150424, 150423, 150425
Lebiasina colombia Ardila Rodríguez, 2008	X	X						X	CAR 190, 191, 192; ICNMHN 5314
Lebiasina elongata Boulenger, 1887				X					Maldonado-Ocampo *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006
Lebiasina erythrinoides Valenciennes, 1849				X	X	X			Lasso *et al*. 2004, Maldonado-Ocampo *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006
Lebiasina festae Boulenger, 1899							X	X	Maldonado-Ocampo *et al*. 2006a, Mojica *et al*. 2004
Lebiasina floridablancaensis Ardila Rodríguez, 1994	X	X				X			CAR 15-04-01; MBUCV-V-26713 [ex CAR 15-04-02 and 03]; MHNUNC 1837
Lebiasina multimaculata Boulenger, 1911	X	X					X		BMNH 1910.7.11.167-169
Lebiasina narinensis Ardila Rodríguez, 2002	X	X				X	X		ICNMHN 2340, 2340-1
Lebiasina ortegai Ardila Rodríguez, 2008	X	X				X			CAR 157, 265; CZUT-IC 2586; IAvH-P 9875; IMCN 4200, 4201
Lebiasina panamensis Gill, 1877							X	X	Maldonado-Ocampo *et al*. 2006a, Mojica *et al*. 2004
Lebiasina pleurotaenia Regan, 1903								X	Galvis *et al*. 1997
Nannostomus eques Steindachner, 1876				X	X				Lasso *et al*. 2004, Maldonado-Ocampo 2004, Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Maldonado-Ocampo *et al*. 2006b
Nannostomus espei (Meinken, 1956)					X				Lasso *et al*. 2004

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Nannostomus harrisoni (Eigenmann, 1909)				X	X				Lasso *et al*. 2004, Bogotá-Gregory & Maldonado-Ocampo 2006, Maldonado-Ocampo *et al*. 2006b, Ortega *et al*. 2006
Nannostomus marginatus Eigenmann, 1909				X	X				Lasso *et al*. 2004, Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Ortega *et al*. 2006
Nannostomus marilynae Weitzman & Cobb, 1975				X	X				Lasso *et al*. 2004, Bogotá-Gregory & Maldonado-Ocampo 2006
Nannostomus trifasciatus Steindachner, 1876				X	X				Lasso *et al*. 2004, Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Ortega *et al*. 2006
Nannostomus unifasciatus Steindachner, 1876				X	X				Lasso *et al*. 2004, Bogotá-Gregory & Maldonado-Ocampo 2006, Maldonado-Ocampo *et al*. 2006b, Ortega *et al*. 2006
Pyrrhulina brevis Steindachner, 1876				X	X				Lasso *et al*. 2004, Bogotá-Gregory & Maldonado-Ocampo 2006, Ortega *et al*. 2006
Pyrrhulina eleanorae Fowler, 1940					X				IAvH-P 5222, 5223*
Pyrrhulina filamentosa Valenciennes, 1847					X				Lasso *et al*. 2004
Pyrrhulina laeta (Cope, 1872)				X					Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Ortega *et al*. 2006
Pyrrhulina lugubris Eigenmann, 1922	X			X	X				CAS 78888 [ex IU 15041a], 78888 [ex IU 15041]
Pyrrhulina obermuelleri Myers, 1926				X					Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006
Pyrrhulina semifasciata Steindachner, 1876				X					Bogotá-Gregory & Maldonado-Ocampo 2006
Pyrrhulina stoli Boeseman, 1953				X	X				Bogotá-Gregory & Maldonado-Ocampo 2006, IAvH-P 4997*
Ctenoluciidae									
Boulengerella cuvieri (Agassiz, 1829)				X	X				Lasso *et al*. 2004, Bogotá-Gregory & Maldonado-Ocampo 2006, Maldonado-Ocampo *et al*. 2006b
Boulengerella lateristriga (Boulenger, 1895)				X	X				Lasso *et al*. 2004, Bogotá-Gregory & Maldonado-Ocampo 2006, Maldonado-Ocampo *et al*. 2006b
Boulengerella lucius (Cuvier, 1817)				X	X				Lasso *et al*. 2004, Bogotá-Gregory & Maldonado-Ocampo 2006, Maldonado-Ocampo *et al*. 2006b
Boulengerella maculata (Valenciennes, 1850)				X	X				Lasso *et al*. 2004, Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Maldonado-Ocampo *et al*. 2006b, Ortega *et al*. 2006
Boulengerella xyrekes Vari, 1995				X	X				Bogotá-Gregory & Maldonado-Ocampo 2006, Maldonado-Ocampo *et al*. 2006b, Ortega *et al*. 2006

Taxa	DC	EN	CT	Amz	Ori	Mag-Cauc	Pac	Car	Collections/References
Ctenolucius beani (Fowler, 1907)	X						X	X	ANSP 16642 [ex USNM 1658]
Ctenolucius hujeta (Valenciennes, 1850)						X		X	Galvis *et al*. 1997, Maldonado-Ocampo *et al*. 2005, Mojica *et al*. 2006b, Villa-Navarro *et al*. 2006, Ortega-Lara *et al*. 2006a
Siluriformes									
Cetopsidae									
Cetopsidium morenoi (Fernández-Yépez, 1972)					X				Lasso *et al*. 2004
Cetopsidium pemon Vari, Ferraris & de Pinna, 2005					X				Vari *et al*. 2005
Cetopsis amphiloxa (Eigenmann, 1914)	X						X	X	FMNH 56519 [ex CM 5332]; CAS 77028 [ex IU 13009], 77027 [ex IU 13040]
Cetopsis baudoensis (Dahl, 1960)	X	X					X		ICNMHN 118, 100
Cetopsis candiru Spix & Agassiz, 1829				X					Mojica *et al*. 2005, Vari *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Ortega *et al*. 2006
Cetopsis coecutiens (Lichtenstein, 1819)				X	X				Lasso *et al*. 2004, Mojica *et al*. 2005, Vari *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Ortega *et al*. 2006
Cetopsis fimbriata Vari, Ferraris & de Pinna, 2005	X	X						X	USNM 305348, 372825, 372826; ICNMHN 7272
Cetopsis jurubidae (Fowler, 1944)	X	X					X		ANSP 71430
Cetopsis motataensis (Schultz, 1944)								X	Galvis *et al*. 1997, Vari *et al*. 2005
Cetopsis oliveirai (Lundberg & Rapp Py-Daniel, 1994)				X					Ortega *et al*. 2006
Cetopsis orinoco (Schultz, 1944)					X				Lasso *et al*. 2004
Cetopsis othonops (Eigenmann, 1912)	X	X				X		X	FMNH 56040 [CM 4830], 56041-42, 69814; AMNH 5318 [ex IU 12685 a-j]; BMNH 1924.3.3.81-82; CAS 64606-08 [ex IU 12684-86] (6, 18, 1); USNM 76972, 79213, 167853
Cetopsis plumbea Steindachner, 1882					X				Lasso *et al*. 2004
Cetopsis umbrosa Vari, Ferraris & de Pinna, 2005	X				X				Vari *et al*. 2005
Denticetopsis macilenta (Eigenmann, 1912)					X				Lasso *et al*. 2004, Vari *et al*. 2005
Denticetopsis praecox (Ferraris & Brown, 1991)				X					Mojica *et al*. 2005, Vari *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006

Taxa	DC	EN	CT	Amz	Ori	Mag-Cauc	Pac	Car	Collections/References
Helogenes castaneus (Dahl, 1960)	X				X				Holotype: whereabouts unknown
Helogenes marmoratus Günther, 1863				X	X				Lasso *et al*. 2004, Maldonado-Ocampo 2004, Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Maldonado-Ocampo *et al*. 2006b
Aspredinidae									
Amaralia hypsiura (Kner, 1855)				X					Ferraris 2007
Bunocephalus aleuropsis Cope, 1870				X					Bogotá-Gregory & Maldonado-Ocampo 2006
Bunocephalus amaurus Eigenmann, 1912					X				Lasso *et al*. 2004
Bunocephalus chamaizelus Eigenmann, 1912				X					Bogotá-Gregory & Maldonado-Ocampo 2006
Bunocephalus colombianus Eigenmann, 1912	X	X				X	X	X	FMNH 56038 [ex CM 4828]; CAS 35249 [ex IU 12687]
Bunocephalus coracoideus (Cope, 1874)				X					Bogotá-Gregory & Maldonado-Ocampo 2006
Bunocephalus knerii Steindachner, 1882				X					Bogotá-Gregory & Maldonado-Ocampo 2006
Bunocephalus verrucosus (Walbaun, 1792)				X					Bogotá-Gregory & Maldonado-Ocampo 2006
Dupouyichthys sapito Schultz, 1944						X			Maldonado-Ocampo *et al*. 2005, Mojica *et al*. 2006b, Villa-Navarro *et al*. 2006
Hoplomyzon papillatus Stewart, 1985				X					Galvis *et al*. 2007b
Hoplomyzon sexpapilostoma Taphorn & Marrero, 1990					X				IAVH-P 5371, 7924 ,7925*
Pseudobunocephalus amazonicus (Mees, 1989)				X					Friel 2008
Pseudobunocephalus bifidus Eigenmann, 1942				X					Galvis *et al*. 2007b
Pseudobunocephalus lundbergi Friel, 2008	X				X				Friel 2008
Xyliphius lepturus Orcés, 1962					X			X	Lasso *et al*. 2004
Xyliphius magdalenae Eigenmann, 1912	X	X				X			FMNH 56039 [ex CM 4829]
Xyliphius melanopterus Orcés, 1962				X	X				Lasso *et al*. 2004, Ortega *et al*. 2006, Galvis *et al*. 2007b
Trichomycteridae									
Eremophilus mutisii Humboldt, 1805	X	X	NT			X			No types known
Haemomaster venezuelae Myers, 1927					X				Lasso *et al*. 2004, IAvH-P 6981-6982*

Taxa	DC	EN	CT	Amz	Ori	Mag-Cauc	Pac	Car	Collections/References
Henonemus punctatus (Boulenger, 1887)				X					Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Ortega *et al*. 2006
Henonemus sp.					X				Lasso *et al*. 2004
Ituglanis amazonicus (Steindachner, 1882)					X				Lasso *et al*. 2004
Ituglanis guayaberensis (Dahl, 1960)	X	X			X				Holotype: whereabouts unknown
Ituglanis metae (Eigenmann, 1917)	X	X			X				CAS 58138 [ex IU 13770]
Malacoglanis gelatinosus Myers & Weitzman, 1966	X	X		X					SU 50754, 50755
Megalocentor echthrus de Pinna & Britski, 1991				X	X				Lasso *et al*. 2004, Bogotá-Gregory & Maldonado-Ocampo 2006
Ochmacanthus alternus Myers, 1927					X				Lasso *et al*. 2004, Maldonado-Ocampo *et al*. 2006b
Ochmacanthus orinoco Myers, 1927					X				Lasso *et al*. 2004
Ochmacanthus reinhardtii (Steindachner, 1882)				X					Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Ortega *et al*. 2006
Paracanthopoma parva Giltay, 1935					X				IAvH-P 2482, 3020*
Paravandellia phaneronema (Miles, 1943)	X	X				X			Holotype: lost. Paratypes: MCZ 35874; USNM 120141
Plectrochilus machadoi Miranda-Ribeiro, 1917				X					Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006
Plectrochilus wieneri (Pellegrin, 1909)				X					Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006
Pseudostegophilus haemomyzon (Myers, 1942)					X				Lasso *et al*. 2004
Pseudostegophilus nemurus (Günther, 1869)				X	X				Lasso *et al*. 2004, Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006
Rhizosomichthys totae (Miles, 1942)	X	X	EX			X			ICNMHN 353; MCZ 35744; SU 37074
Schultzichthys bondi (Myers, 1942)					X				IAvH-P 875, 2629, 6998*
Schultzichthys gracilis Dahl, 1960	X	X			X				Holotype: whereabouts unknown
Stegophilus septentrionalis Myers, 1927					X				Lasso *et al*. 2004
Trichomycterus banneaui (Eigenmann, 1912)	X	X				X			FMNH 56025 [ex CM 4815], 56026, 69815; CAS 58127 [ex IU 12677]; USNM 79234

Taxa	DC	EN	CT	Amz	Ori	Mag-Cauc	Pac	Car	Collections/References
Trichomycterus bogotense (Eigenmann, 1912)	X	X				X			FMNH 56030 [ex CM 4820]; 56031, 56044; AMNH 7107; CAS 58118 [ex IU 12679]; USNM 79232
Trichomycterus cahiraensis Ardila Rodríguez, 2008	X	X				X			CAR125, 97; CZUTIC2920; IAvH-P 11114; MBUCV-V35384
Trichomycterus caliense (Eigenmann, 1912)	X	X	NT			X	X		FMNH 56029 [ex CM 4819 not 6819]
Trichomycterus chapmani (Eigenmann, 1912)	X	X				X	X		FMNH 56027 [ex CM 4817], 50628, 69813; CAS 58128 [ex IU 12678]; USNM 79233
Trichomycterus dorsostriatus (Eigenmann, 1917)	X	X			X				FMNH 58096 [ex CM 7093], 58097; CAS 64579 [ex IU 13810]
Trichomycterus gorgona Fernández & Schaefer, 2005	X	X					X		ANSP 149946; ICNMHN 10019
Tricomycterus knerii Steindachner, 1882					X	X			Lasso *et al*. 2004, Maldonado-Ocampo 2004, Maldonado-Ocampo *et al*. 2005, 2006b
Trichomycterus latidens (Eigenmann, 1917)	X	X				X	X		CAS 76335 [ex IU 13801]
Trichomycterus latistriatus (Eigenmann, 1917)	X	X				X			FMNH 58449 [ex CM 7450]
Trichomycterus migrans (Dahl, 1960)	X	X			X				ICNMHN 399, 400
Trichomycterus nigromaculatus Boulenger, 1887	X	X				X	X	X	BMNH 1880.2.26.16-17
Trichomycterus regani (Eigenmann, 1917)	X	X					X		CAS 64591 [ex IU 13772]
Trichomycterus retropinnis Regan, 1903	X	X				X			BMNH 1899.8.21.12-13
Trichomycterus romeroi (Fowler, 1941)	X	X				X			ANSP 69331, 69332-35
Trichomycterus ruitoquensis Ardila Rodríguez, 2007	X	X				X			CAR 340, 37, 88, 89, 325, 331, 332; IAvH-P 4342, 4344; IMCN 4195
Trichomycterus sandovali Ardila Rodríguez, 2006	X	X				X			CAR 116; AS 115
Trichomycterus santanderensis Castro, 2007	X	X				X			CAC-CDMB 035; 051
Trichomycterus spilosoma (Regan, 1913)	X	X				X	X		BMNH 1910.7.11.106-107, 1910.7.11.108
Trichomycterus stellatus (Eigenmann, 1918)	X	X				X			FMNH 58101 [ex CM 7097], 58102; CAS 58121 [ex IU 13814]
Trichomycterus straminius (Eigenmann, 1918)	X	X				X		X	FMNH 58105 [ex CM 7101], 58091-92; CAS 58148 [ex IU 13818], 58105 [ex IU 13804]
Trichomycterus striatus (Meek & Hildebrand, 1913)						X	X		Maldonado-Ocampo *et al*. 2005, Mojica *et al*. 2006b, Ortega-Lara *et al*. 2006a, Villa-Navarro *et al*. 2006

Taxa	DC	EN	CT	Amz	Ori	Mag-Cauc	Pac	Car	Collections/References
Trichomycterus taenia Kner, 1863						X	X		Maldonado-Ocampo *et al*. 2005, Mojica *et al*. 2006b, Ortega-Lara *et al*. 2006a, Villa-Navarro *et al*. 2006
Trichomycterus transandianum (Steindachner, 1915)	X	X			X	X			NMW 44475 (?)
Trichomycterus uisae Castellanos, 2008	X	X				X			Castellanos-Morales 2008
Trichomycterus unicolor (Regan, 1913)	X	X				X	X		BMNH 1913.10.1.42-43
Trichomycterus venulosus (Steindachner, 1915)	X	X			X				NMW 44476
Tridens melanops Eigenmann & Eigenmann, 1889				X					Bogotá-Gregory & Maldonado-Ocampo 2006
Tridensimilis brevis (Eigenmann & Eigenmann, 1889)				X					Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006
Tridensimilis venezuelae Schultz, 1944					X				Galvis *et al*. 2007a
Vandellia beccarii Di Caporiacco, 1935					X				Lasso *et al*. 2004
Vandellia cirrhosa Valenciennes, 1846				X					Bogotá-Gregory & Maldonado-Ocampo 2006
Callichthyidae									
Brochis splendens (Castelnau, 1855)				X					Bogotá-Gregory & Maldonado-Ocampo 2006
Callichthys callichthys (Linnaeus, 1758)				X	X				Lasso *et al*. 2004, Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Ortega *et al*. 2006
Callichthys fabricioi Román-Valencia, Lehmann-A & Muñoz, 1999	X	X	B2c			X			ICNMHN 3842; IUQ 152, 305, 306, 307; MCP 21174-75; UV 89018, 91063, 93001-04, 98002, 98031
Callichthys oibaensis Ardila-Rodríguez, 2006	X	X				X			CAR 251, 250; IMCN 3310; CZUT-IC 1837; IAvH-P 5730; ICNMNH 13396; MBUCV-V 32798
Corydoras aeneus (Gill, 1858)					X				Lasso *et al*. 2004
Corydoras agassizii Steindachner, 1876				X					Bogotá-Gregory & Maldonado-Ocampo 2006
Corydoras ambiacus Cope, 1872				X					Bogotá-Gregory & Maldonado-Ocampo 2006
Corydoras arcuatus Elwin, 1939				X					Bogotá-Gregory & Maldonado-Ocampo 2006
Corydoras armatus (Günther, 1868)				X					Galvis *et al*. 2007b
Corydoras axelrodi Rössel, 1962	X	X		X	X				SMF 5700, 5701-02
Corydoras bondi Gosline, 1940					X				Lasso *et al*. 2004

Taxa	**DC**	**EN**	**CT**	**Amz**	**Ori**	**Mag-Cauc**	**Pac**	**Car**	**Collections/References**
Corydoras delphax Nijssen & Isbrücker, 1983	X	X		X	X				NRM 26073 [1972222.3251]; NRM 26074; ZMA 119063
Corydoras elegans Steindachner, 1876				X					Bogotá-Gregory & Maldonado-Ocampo 2006
Corydoras esperanzae Castro, 1987	X	X			X				UBJTL MM275
Corydoras evelynae Rössel, 1963				X					Galvis *et al*. 2007b
Corydoras fowleri Böhlke, 1950				X					Bogotá-Gregory & Maldonado-Ocampo 2006
Corydoras gomezi Castro, 1986	X			X					UBJTL MM536
Corydoras habrosus Weitzman, 1960					X				Lasso *et al*. 2004
Corydoras leucomelas Eigenmann & Allen, 1942				X					Bogotá-Gregory & Maldonado-Ocampo 2006
Corydoras loxozonus Nijssen & Isbrücker, 1983	X	X		X	X				ANSP 150170
Corydoras melanistius Regan, 1912					X				Maldonado-Ocampo 2004
Corydoras melanotaenia Regan, 1912	X	X		X	X				BMNH 1909.7.23.41; BMNH 1909.7.23.42
Corydoras melini Lönnberg & Rendahl, 1930				X	X				Lasso *et al*. 2004, Bogotá-Gregory & Maldonado-Ocampo 2006
Corydoras metae Eigenmann, 1914	X	X		X	X				CAS 36447 [ex IU 13451]
Corydoras napoensis Nijssen & Isbrücker, 1986				X					Bogotá-Gregory & Maldonado-Ocampo 2006
Corydoras osteocarus Böhlke, 1951					X				Galvis *et al*. 2007a
Corydoras pastazensis Weitzman, 1963				X					Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006
Corydoras rabauti La Monte, 1941				X					Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006
Corydoras reticulatus Fraser-Brunner, 1938				X					Galvis *et al*. 2007b
Corydoras reynoldsi Myers & Weitzman, 1960	X	X		X					SU 52349, 50702; ZMA 111424
Corydoras semiaquilus Weitzman, 1964				X					Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006
Corydoras septentrionalis Gosline, 1940					X				Lasso *et al*. 2004
Corydoras simulatus Weitzman & Nijssen, 1970	X	X		X	X				USNM 197615, 197616, 197667; ZMA 110384
Corydoras sodalis Nijssen & Isbrücker, 1986				X					Bogotá-Gregory & Maldonado-Ocampo 2006

Taxa	DC	EN	CT	Amz	Ori	Mag-Cauc	Pac	Car	Collections/References
Corydoras trilineatus Cope, 1872				X					Bogotá-Gregory & Maldonado-Ocampo 2006
Corydoras zygatus Eigenmann & Allen, 1942				X					Bogotá-Gregory & Maldonado-Ocampo 2006
Dianema longibarbis Cope, 1872				X					Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006
Hoplosternum littorale (Hancock, 1828)				X	X				Lasso *et al*. 2004, Maldonado-Ocampo 2004, Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Maldonado-Ocampo *et al*. 2006b, Ortega *et al*. 2006
Hoplosternum magdalenae Eigenmann, 1913	X	X				X		X	FMNH 56281 [ex CM 5081], 56282-83; CAS 76513 [ex IU 13970], 76516 [ex IU 12836]; MCP 17307 [ex CAS 76516]
Hoplosternum punctatum Meek & Hildebrand, 1916								X	Maldonado-Ocampo *et al*. 2006a
Megalechis picta (Muüller & Troschel, 1848)				X	X				Lasso *et al*. 2004, Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Maldonado-Ocampo *et al*. 2006b
Megalechis thoracata (Valenciennes, 1840)				X	X				Lasso *et al*. 2004, Maldonado-Ocampo 2004, Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Maldonado-Ocampo *et al*. 2006b, Ortega *et al*. 2006
Astroblepidae									
Astroblepus caquetae Fowler, 1943	X	X		X					ANSP 70506, 70507-08
Astroblepus cirratus (Regan, 1912)	X	X				X	X		BMNH: 1912.3.2.7
Astroblepus chapmani (Eigenmann, 1912)	X	X				X	X	X	FMNH 56071 [ex CM 4863], 50672; CAS 64658 [ex IU 12708a-c]
Astroblepus chotae (Regan, 1904)						X	X	X	Maldonado-Ocampo *et al*. 2005, Mojica *et al*. 2006b, Ortega-Lara *et al*. 2006a, Villa-Navarro *et al*. 2006
Astroblepus cyclopus (Humboldt, 1805)						X	X	X	Maldonado-Ocampo *et al*. 2005
Astroblepus frenatus Eigenmann, 1918	X	X			X	X		X	FMNH 58384 [ex CM 7380]
Astroblepus grixalvii Humboldt, 1805	X	X				X	X	X	No types known
Astroblepus guentheri (Boulenger, 1887)	X	X				X	X		BMNH 1880.2.26.18-25
Astroblepus heterodon (Regan, 1908)	X	X					X		BMNH 1908.5.29.80
Astroblepus homodon (Regan, 1904)	X	X				X	X		BMNH 1902.5.15.27
Astroblepus jurubidae Fowler, 1944	X	X					X		ANSP 71431

Taxa	DC	EN	CT	Amz	Ori	Mag-Cauc	Pac	Car	Collections/References
Astroblepus latidens Eigenmann, 1918	X	X				X	X		FMNH 58366 [ex CM 7362], 58367-71, 69816; CAS 64659 [ex IU 13678], 64689 [ex IU 13679]
Astroblepus longifilis (Steindachner, 1882)						X	X		Maldonado-Ocampo *et al*. 2005, Mojica *et al*. 2006b, Ortega-Lara *et al*. 2006a, Villa-Navarro *et al*. 2006
Astroblepus mariae (Fowler, 1919)	X	X			X	X			ANSP 49368, 49369-84
Astroblepus marmoratus (Regan, 1904)	X	X				X			BMNH 1899.8.21.10-11
Astroblepus micrescens Eigenmann, 1918	X	X			X	X			FMNH 58376 [ex CM 7372], 58377 [ex CM 7373]; CAS 64692 [ex IU 13686]
Astroblepus nicefori Myers, 1932	X	X			X	X	X		SU 24796; USNM 94178
Astroblepus rengifoi Dahl, 1960	X	X						X	Holotype: whereabouts unknown
Astroblepus retropinnus (Regan, 1908)	X	X					X		BMNH 1908.5.29.81–82; IMCN 295
Astroblepus rosei Eigenmann, 1922						X	X		Maldonado-Ocampo *et al*. 2005
Astroblepus santanderensis Eigenmann, 1918	X	X				X			FMNH 58433 [ex CM 7430], 58372-75, 58427-28, 58431-32; CAS 47001 [ex IU 13741], 47002 [ex IU 13682], 60163 [ex IU 13740], 64696 [ex IU 13683], 64697 [ex IU 13684], 64698 [ex IU 13685]
Astroblepus trifasciatus (Eigenmann, 1912)	X	X				X	X	X	FMNH 56076 [ex CM 4868], 56077-78; AMNH 18667 [ex IU 12711]; CAS 64716-17 [ex IU 12711-12], ?64718; USNM 79198
Astroblepus unifasciatus (Eigenmann, 1912)	X	X				X	X	X	FMNH 56079 [ex CM 4871], 56080, 69817; CAS 64718 [ex IU 12713]; USNM 79199
Astroblepus ventralis (Eigenmann, 1912)	X	X				X	X		FMNH 56074 [ex CM 4866], 56073, 56075; AMNH 18666 [ex IU 12710] (1); CAS 47013 [ex CM 4865, IU 12709], 47014 [ex CM 4867a-g, IU 12710a-g]
Loricariidae									
Hypoptopomatinae									
Acestridium colombiensis Retzer 2005	X	X			X				FMNH 115255, 105169; INHS 99093; USNM 381314
Acestridium martini Retzer, Nico & Provenzano, 1999					X				Lasso *et al*. 2004
Apistoloricaria laani Nijssen & Isbrücker, 1988	X	X		X	X				ANSP 131483, 131484, 157750, 157940-41; ZMA 119444
Hypoptopoma gulare Cope, 1878				X					Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006
Hypoptopoma psilogaster Fowler, 1915				X					Ferraris Jr. 2007

Taxa	DC	EN	CT	Amz	Ori	Mag-Cauc	Pac	Car	Collections/References
Hypoptopoma steindachneri Boulenger, 1895					X				Lasso *et al*. 2004
Hypoptopoma thoracatum Günther, 1868				X					Bogotá-Gregory & Maldonado-Ocampo 2006
Nannoptopoma spectabile (Eigenmann, 1914)	X	X		X	X				AS 33806 [ex IU 13253a]; CAS 33807 [ex IU 13253]
Nannoptopoma sternoptychum Scheafer, 1996				X					Bogotá-Gregory & Maldonado-Ocampo 2006
Otocinclus batmani Lehmann, 2006	X			X					ICNMHN 6721, 6722; ANSP 178616; MCP 28172, 34087; MHNUC 474
Otocinclus huaorani Schaefer, 1997				X	X				Lasso *et al*. 2004, Galvis *et al*. 2007b
Otocinclus macrospilus Eigenmann & Allen, 1842				X					Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Ortega *et al*. 2006
Otocinclus vestitus Cope, 1872				X					Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006
Otocinclus vittatus Regan, 1904					X				Lasso *et al*. 2004
Oxyropsis acutirostra Miranda Ribeiro, 1951				X	X				Lasso *et al*. 2004, Bogotá-Gregory & Maldonado-Ocampo 2006
Oxyropsis carinata (Steindachner, 1879)				X					Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006
Oxyropsis wrightiana Eigenmann & Eigenmann, 1889				X					Bogotá-Gregory & Maldonado-Ocampo 2006
Parotocinclus eppleyi Schaefer & Provenzano, 1993					X				Lasso *et al*. 2004
Loricariinae									
Apistoloricaria listrorhinos Nijssen & Isbrücker, 1988	X	X		X	X				ANSP 131482
Crossoloricaria cephalaspis Isbrücker, 1979	X	X			X				BMNH 1947.7.1.228
Crossoloricaria rhami Isbrücker & Nijssen, 1983				X					Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006
Crossoloricaria variegata (Steindachner, 1879)						X	X	X	Maldonado-Ocampo *et al*. 2005, Mojica *et al*. 2006b, Ortega-Lara *et al*. 2006a, Villa-Navarro *et al*. 2006
Dasyloricaria capetensis (Meek & Hildebrand, 1916)								X	Maldonado-Ocampo *et al*. 2006, Mojica *et al*. 2004
Dasyloricaria filamentosa (Steindachner, 1878)	X					X		X	NMW 44874, 44870-73, 44874:2, 44875-77; ZMUC 86
Dasyloricaria latiura (Eigenmann & Vance, 1912)	X						X	X	FMNH 55115; USNM 79219
Dasyloricaria seminuda (Eigenmann & Vance, 1912)	X	X				X			FMNH 55113, 55114, 55116; IU 12694
Dentectus barbarmatus Mártin Salazar, Isbrücker & Nijssen, 1982					X				Lasso *et al*. 2004, Maldonado-Ocampo 2004

Taxa	DC	EN	CT	Amz	Ori	Mag-Cauc	Pac	Car	Collections/References
Farlowella acus (Kner, 1853)					X				Lasso *et al*. 2004
Farlowella amazona (Günther, 1864)				X					Bogotá-Gregory & Maldonado-Ocampo 2006
Farlowella colombiensis Retzer & Page, 1997	X	X		X	X				CAS 123733, 169739 [ex CAS 123733]; ANSP 88080; INHS 32939 [ex ASNP 88080]
Farlowella gracilis Regan, 1904	X	X		X	X				BMNH 1902.5.29.180
Farlowella mariaelenae Martín Salazar, 1964					X				Lasso *et al*. 2004, Galvis *et al*. 2007a
Farlowella nattereri Steindachner, 1910				X					Bogotá-Gregory & Maldonado-Ocampo 2006
Farlowella oxyrrhyncha (Kner, 1853)				X	X				Lasso *et al*. 2004, Bogotá-Gregory & Maldonado-Ocampo 2006
Farlowella platorynchus Retzer & Page, 1997				X					Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006
Farlowella smithi Fowler, 1913				X					Bogotá-Gregory & Maldonado-Ocampo 2006
Farlowella taphorni Retzer & Page, 1997								X	IAvH-P 9800, 9801
Farlowella vittata Myers, 1942					X				Lasso *et al*. 2004
Hemiodontichthys acipenserinus (Kner, 1853)				X					Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006
Lamontichthys llanero Taphorn & Lilyestrom, 1984					X				Lasso *et al*. 2004
Lamontichthys maracaibero Taphorn & Lilyestrom, 1984								X	Galvis *et al*. 2007a
Limatulichthys griseus (Eigenmann, 1909)				X	X				Lasso *et al*. 2004, Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006
Loricaria cataphracta Linnaeus, 1758				X	X				Lasso *et al*. 2004, Galvis *et al*. 2007a
Loricaria nickeriensis Isbrücker, 1979				X					Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006
Loricaria simillima Regan, 1904					X				Lasso *et al*. 2004
Loricariichthys brunneus (Hancock, 1828)					X				Lasso *et al*. 2004
Loricariichthys cf. *maculatus* (Bloch, 1794)					X				IAvH-P 3253
Planiloricaria cryptodon (Isbrücker, 1971)				X					Ortega *et al*. 2006
Pseudohemiodon sp.					X				Lasso *et al*. 2004
Pterosturisoma microps (Eigenmann & Allen, 1942)				X					Ortega *et al*. 2006
Rineloricaria castroi Isbrücker & Nijssen, 1984				X					Bogotá-Gregory & Maldonado-Ocampo 2006

Taxa	DC	EN	CT	Amz	Ori	Mag-Cauc	Pac	Car	Collections/References
Rineloricaria eigenmanni (Pellegrin, 1908)					X				Galvis *et al*. 2007a
Rineloricaria formosa Isbrücker & Nijssen, 1979	X			X	X				FMNH 83713, 83714-15; IRSNB 608-609; MZUSP [ex IRSNB 608, MZUSP ex IRSNB 609]; ZMA 114922-23, 115182, 115196-97; ZSM 25821
Rineloricaria juabata (Boulenger, 1902)							X	X	Maldonado-Ocampo *et al*. 2006a, Mojica *et al*. 2004, Ortega-Lara et al 2006b
Rineloricaria lanceolata (Günther, 1868)				X					Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Ortega *et al*. 2006
Rineloricaria magdalenae (Steindachner, 1879)	X					X	X	X	NMW 45080; NMW 45800
Rineloricaria nigricauda (Regan, 1904)				X					Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006
Rineloricaria sneiderni (Fowler, 1944)	X	X					X		ANSP 71433, 71434
Spatuloricaria atratoensis Schultz, 1944	X	X						X	USNM 93810
Spatuloricaria caquetae (Fowler, 1943)	X	X		X					ANSP 70526, 70527
Spatuloricaria curvispina (Dahl, 1942)	X	X				X			ZMUL Holotype status unknown
Spatuloricaria euacanthagenys Isbrücker, 1979	X	X		X					ANSP 71718
Spatuloricaria gymnogaster (Eigenmann & Vance, 1912)	X	X				X		X	CAS 28773 [ex IU 12691], 28774-75 [ex IU 12692-93]; FMNH 55138; USNM 79218 (2)
Spatuloricaria fimbriata (Eigenmann & Vance, 1912)	X					X		X	FMNH 55117 [ex CM 3808], 55118; CAS 77173 [ex IU 12714]
Sturisoma aureum (Steindachner, 1900)	X	X				X	X	X	ZSM [old collection] destroyed in WWII
Sturisoma panamense (Eigenmann & Eigenmann, 1889)						X	X	X	Maldonado-Ocampo *et al*. 2005, 2006a, Mojica *et al*. 2006b, Villa-Navarro *et al*. 2006, Ortega-Lara *et al*. 2006ab
Sturisoma tenuirostre (Steindachner, 1910)					X				Lasso *et al*. 2004
Sturisomatichthys caquetae (Fowler, 1945)	X	X		X					ANSP 71719
Sturisomatichthys leightoni (Regan, 1912)	X	X				X	X		BMNH 1909.7.23.45, BMNH 1909.7.23.46-47
Sturisomatichthys tamanae (Regan, 1912)	X	X				X	X	X	BMNH 1910.7.11.133, BMNH 1910.7.11.134
Hypostominae									
Aphanotorulus ammophilus Armbruster & Page, 1996					X				IAvH-P 3836-3839*

Taxa	**DC**	**EN**	**CT**	**Amz**	**Ori**	**Mag-Cauc**	**Pac**	**Car**	**Collections/References**
Aphanotorulus unicolor (Steindachner, 1908)				X					Ortega *et al*. 2006
Hypostomus argus (Fowler, 1943)	X	X		X	X				ANSP 70510
Hypostomus niceforoi (Fowler, 1943)	X	X		X	X				ANSP 70511
Hypostomus carinatus (Steindachner, 1881)				X					IAvH-P 3934*
Hypostomus hondae (Regan, 1912)	X		C1			X	X	X	BMNH 1909.7.23.43-44
Hypostomus winzi (Fowler, 1945)	X	X			X				ANSP 71623
Hypostomus oculeus (Fowler, 1943)	X			X					ANSP 70518, 70519-20
Hypostomus plecostomoides (Eigenmann, 1922)	X			X	X				CAS 82501 [ex IU 15043] (lost in mail in 1959)
Hypostomus plecostomus (Linnaeus, 1758)					X				Lasso *et al*. 2004
Hypostomus pyrineusi (Miranda Ribeiro, 1920)				X	X				Bogotá-Gregory & Maldonado-Ocampo 2006, IAvH-P 1717*, 1722*
Hypostomus sculpodon Armbruster, 2003					X				Lasso *et al*. 2004
Hypostomus varimaculosus (Fowler, 1945)	X			X					ANSP 71707
Hypostomus watwata Hancock, 1828					X				Lasso *et al*. 2004
Pterygoplichthys undecimalis (Steindachner, 1878)	X	X			X	X			NMW 47224, 47220-22
Pseudorinelepis genibarbis (Valenciennes, 1840)					X				Galvis *et al*. 2007a
Pterygoplichthys gibbiceps (Kner, 1854)					X				Lasso *et al*. 2004, Maldonado-Ocampo 2004, Maldonado-Ocampo *et al*. 2006b
Pterygoplichthys lituratus (Kner, 1854)				X					Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006
Pterygoplichthys multiradiatus (Hancock, 1828)					X				Lasso *et al*. 2004
Pterygoplichthys pardalis (Castelnau, 1855)				X					Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006
Pterygoplichthys punctatus (Kner, 1854)				X					Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006
Pterygoplichthys weberi Armbruster & Page, 2006	X			X					ICNMHN 13455; FMNH 96959, 101378; MSU 2736.2; USNM 177204
Squaliforma emarginata (Valenciennes, 1840)				X	X				Lasso *et al*. 2004, Bogotá-Gregory & Maldonado-Ocampo 2006
Squaliforma squalina (Jardine, 1841)					X				Lasso *et al*. 2004

Taxa	DC	EN	CT	Amz	Ori	Mag-Cauc	Pac	Car	Collections/References
Squaliforma tenuicauda (Steindachner, 1878)	X	X				X			MSNG 8856; NMW 42596, 44263-66, 44268), 44294; ZMUC 85
Squaliforma villarsi (Lütken, 1874)					X				Lasso *et al*. 2004
Ancistrinae									
Acanthicus hystrix Spix & Agassiz, 1829				X	X				Lasso *et al*. 2004, Bogotá-Gregory & Maldonado-Ocampo 2006
Ancistrus brevifilis Eigenmann, 1920				X	X				Lasso *et al*. 2004, Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006
Ancistrus caucanus Fowler, 1943	X	X				X			ANSP 70516
Ancistrus centrolepis Regan, 1913	X	X				X	X	X	BMNH 1913.10.1.58, 1910.4.11.122
Ancistrus eustictus (Fowler, 1945)	X	X				X	X		ANSP 71710
Ancistrus lineolatus Fowler, 1943	X	X		X					ANSP 70517
Ancistrus gymnorhynchus Kner, 1854					X				Lasso *et al*. 2004
Ancistrus hoplogenys (Günther, 1864)					X				Lasso *et al*. 2004
Ancistrus latifrons (Günther, 1869)					X				Lasso *et al*. 2004
Ancistrus macrophthalmus (Pellegrin, 1912)					X				Lasso *et al*. 2004
Ancistrus martini Schultz, 1944								X	IAvH-P 3088*, 9816*
Ancistrus triradiatus Eigenmann, 1918	X			X	X			X	CAS 60164 [ex IU 13935a], 60165 [ex IU 13935b-e]; ?FMNH 58558
Baryancistrus beggini Lujan, Arce & Armbruster, 2009					X				Lujan *et al*. 2003
Chaetostoma aburrensis (Posada, 1909)	X	X				X			No types known
Chaetostoma alternifasciatum Fowler, 1945	X	X		X					ANSP 71711, 71712-15
Chaetostoma anale (Fowler, 1943)	X	X		X					ANSP 70525
Chaetostoma brevilabiatum Dahl, 1942	X	X				X			ZMUL
Chaetostoma dorsale Eigenmann, 1922					X				Lasso *et al*. 2004
Chaetostoma dupouii Fernández-Yépez, 1945					X				IAvH-P 3369*
Chaetostoma fischeri Steindachner, 1879						X	X	X	Maldonado-Ocampo *et al*. 2005,2006a, Mojica *et al*. 2006b, Ortega-Lara *et al*. 2006ab, Villa-Navarro *et al*. 2006

Taxa	DC	EN	CT	Amz	Ori	Mag-Cauc	Pac	Car	Collections/References
Chaetostoma lepturum Regan, 1912	X	X					X		BMNH 1910.7.11.116–118
Chaetostoma leucomelas Eigenmann, 1918	X	X				X	X	X	CAS 60167 [ex IU 13652], 60168 [ex IU 13652]; FMNH 58344
Chaetostoma marginatum Regan, 1904						X	X		Maldonado-Ocampo *et al*. 2005
Chaetostoma milesi Fowler, 1941	X				X	X			ANSP 69330
Chaetostoma niveum Fowler, 1944	X	X					X		ANSP 71432
Chaetostoma nudirostre Lütken, 1874					X				IAvH-P 1984*
Chaetostoma palmeri Regan, 1912	X	X					X		BMNH 1910.7.11.120–121
Chaetostoma patiae Fowler, 1945	X	X					X		ANSP 71716, 71717
Chaetostoma paucispinis Regan, 1912	X	X					X		BMNH 1910.7.11.119
Chaetostoma tachiraense Schultz, 1944								X	Galvis *et al*. 1997
Chaetostoma thomsoni Regan, 1904	X	X				X			BMNH 1902.5.15.28-30
Chaetostoma sovichthys Schultz, 1944								X	Maldonado-Ocampo *et al*. 2005
Chaetostoma vagum Fowler, 1943	X	X		X					ANSP 70521, 70522, 70523-24
Cordylancistrus daguae (Eigenmann, 1912)	X	X				X	X		FMNH 56052 [ex CM 4842], 56053-54; CAS 56745 [ex IU 12698], 74161 [ex IU 12699]
Cordylancistrus platyrhynchus (Fowler, 1943)	X	X		X					ANSP 70512, 70513-15
Dekeyseria amazonica Rapp Py-Daniel, 1985				X					Bogotá-Gregory & Maldonado-Ocampo 2006
Dekeyseria pulchra (Steindachner, 1915)					X				Lasso *et al*. 2004, Maldonado-Ocampo 2004, Maldonado-Ocampo *et al*. 2006b
Dekeyseria scaphyrhyncha (Kner, 1854)					X				Lasso *et al*. 2004
Dolichancistrus atratoensis (Dahl, 1960)	X	X						X	ICNMHN 51, 46 (now apparently 48)
Dolichancistrus carnegiei (Eigenmann, 1916)	X	X				X			FMNH 58350 [ex CM 7346], 58351; CAS 77344 [ex IU 13661], 77345 [ex IU 13662]
Dolichancistrus fuesslii (Steindachner, 1911)	X	X			X				NMW 48026
Dolichancistrus pediculatus (Eigenmann, 1918)	X	X			X				FMNH 58352 [ex CM 7348], 58564-65; CAS 58788 [ex IU 13663-64], 58793 [ex IU 13927], 58789 [ex IU 13928], 58794 [ex IU 12932], 58820 [ex IU 13920]

Taxa	DC	EN	CT	Amz	Ori	Mag-Cauc	Pac	Car	Collections/References
Dolichancistrus setosus (Boulenger, 1887)	X	X			X?				BMNH 1880.2.26.9-10
Hemiancistrus annectens (Regan, 1904)							X		Mojica *et al*. 2004, Ortega-Lara et al 2006b
Hemiancistrus guahiborum Werneke, Armbruster, Lujan & Taphorn, 2005					X				Lasso *et al*. 2004, Maldonado-Ocampo *et al*. 2006b
Hemiancistrus holostictus Regan, 1913	X	X					X	X	BMNH 1913.10.1.57
Hemiancistrus wilsoni Eigenmann, 1918	X	X					X	X	FMNH 58550 [ex CM 7570], 58551
Hypancistrus contradens Armbruster, Lujan & Taphorn, 2007					X				IAvH-P 5676*
Hypancistrus lunaorum Armbruster, Lujan & Taphorn, 2007					X				IAvH-P 7044*
Lasiancistrus caucanus Eigenmann, 1912	X					X	X	X	FMNH 56034 [ex CM 4824], 56035; CAS 77327 [ex IU 12683]
Lasiancistrus guacharote (Valenciennes, 1840)								X	Armbruster 2005
Lasiancistrus heteracanthus (Günther, 1869)				X					Bogotá-Gregory & Maldonado-Ocampo 2006
Lasiancistrus schomburgkii (Günther, 1864)				X					Armbruster 2005
Lasiancistrus tentaculatus Armbruster, 2005					X				IAvH-P 5100-5105*
Leptoancistrus cordobensis Dahl, 1964	X	X				X		X	Holotype: whereabouts unknown; IMCN 233*, 250*
Leporacanthicus galaxias Isbrücker & Nijssen, 1989					X				Lasso *et al*. 2004, Maldonado-Ocampo 2004, Maldonado-Ocampo *et al*. 2006b
Panaqolus albomaculatus (Kanazawa, 1958)				X					Galvis *et al*. 2007b
Panaque cochliodon (Steindachner, 1879)	X	X				X			NMW 47297-98
Panaque maccus Schaefer & Stewart, 1993					X				Lasso *et al*. 2004
Panaque nigrolineatus (Peters, 1877)					X				Lasso *et al*. 2004
Parancistrus sp.					X				Galvis *et al*. 2007a
Peckoltia bachi (Boulenger, 1898)				X					Armbruster 2008
Peckoltia braueri (Eigenmann, 1912)				X					Armbruster 2008
Peckoltia brevis (La Monte, 1935)				X					Armbruster 2008

Taxa	DC	EN	CT	Amz	Ori	Mag-Cauc	Pac	Car	Collections/References
Peckoltia lineola Armbruster, 2008					X				Armbruster 2008
Peckoltia sabaji Armbruster, 2003					X				Armbruster 2008
Peckoltia vittata (Steindachner, 1881)					X				Armbruster 2008
Pseudacanthicus spinosus (Castelnau, 1855)				X					Bogotá-Gregory & Maldonado-Ocampo 2006
Pseudancistrus orinoco (Isbrücker, Nijssen & Cala, 1988)	X				X				ICNMHN 1200, 1201; ZMA 119882; ZMUL 972/3482
Pseudolithoxus dumus (Armbruster & Provenzano, 2000)					X				Maldonado-Ocampo *et al*. 2006b
Pseudolithoxus tigris (Armbruster & Provenzano, 2000)					X				Maldonado-Ocampo *et al*. 2006b
Pseudopimelodidae									
Batrochoglanis acanthochiroides (Günther, 1942)							X		Mojica *et al*. 2004, Ortega-Lara et al 2006b
Batrochoglanis raninus (Valenciennes, 1840)				X	X				Lasso *et al*. 2004, Bogotá-Gregory & Maldonado-Ocampo 2006
Batrochoglanis transmontanus (Regan, 1913)	X					X	X	X	BMNH 1910.7.11.105
Batrochoglanis villosus (Eigenmann, 1912)				X					Bogotá-Gregory & Maldonado-Ocampo 2006
Cephalosilurus apurensis (Mees, 1978)					X				Lasso *et al*. 2004
Cruciglanis pacifici Ortega-Lara & Lehmann, 2006	X	X					X		IMCN 2359; IAvH-P 7505
Microglanis iheringi Gomes, 1946					X				Lasso *et al*. 2004
Microglanis poecilus Eigenmann, 1912				X	X				Lasso *et al*. 2004, Bogotá-Gregory & Maldonado-Ocampo 2006
Microglanis secundus Mees, 1974					X				Lasso *et al*. 2004
Pseudopimelodus bufonius (Valenciennes, 1840)				X	X	X		X	Lasso *et al*. 2004, Maldonado-Ocampo *et al*. 2005
Pseudopimelodus schultzi (Dahl, 1955)	X	X			X?	X		X	Holotype: No types known
Heptapteridae									
Brachyrhamdia meesi Sands & Black, 1985				X					Galvis *et al*. 2007b
Cetopsorhamdia boquillae Eigenmann & Fisher, 1922	X	X				X			FMNH 55212 [ex CM 3923], 55213 [ex CM 3924]; CAS 63607 [ex IU 15004]

Taxa	DC	EN	CT	Amz	Ori	Mag-Cauc	Pac	Car	Collections/References
Cetopsorhamdia nasus Eigenmann & Fisher, 1916	X	X				X			FMNH 58126 [ex CM 7124]
Cetopsorhamdia molinae Miles, 1943	X					X			ICNMHN: whereabouts unknown, probably lost
Cetopsorhamdia orinoco Schultz, 1944					X				Lasso *et al*. 2004
Cetopsorhamdia phantasia Stewart, 1985				X					Ortega *et al*. 2006
Cetopsorhamdia picklei Schultz, 1944			B2c		X			X	IAvH-P 3087*, 7969*
Chasmocranus rosae Eigenmann, 1919	X	X			X				FMNH 55140 [ex CM 3841], 55141 [?CM 3842]; CAS 75751 [ex IU 15019]
Gladioglanis conquistador Lundberg, Bornbusch & Mago-Leccia, 1991				X					Galvis *et al*. 2007b
Goeldiella eques (Müller & Troschel, 1848)				X	X				Lasso *et al*. 2004, Bogotá-Gregory & Maldonado-Ocampo 2006
Heptapterus mustelinus (Valenciennes, 1835)				X					Bogotá-Gregory & Maldonado-Ocampo 2006
Imparales panamensis Busing, 1970								X	Maldonado-Ocampo *et al*. 2006a
Imparfinis microps Eigenmann & Fisher, 1916	X	X			X				FMNH 57793 [ex CM 6776 not 8778]
Imparfinis nemacheir (Eigenmann & Fisher, 1916)	X					X	X	X	FMNH 58127 [ex CM 7125]
Imparfinis pristos Mees & Cala, 1989	X				X				ICNMHN 1401, 1402; RMNH 30544
Imparfinis pseudonemacheir Mees & Cala, 1989					X				Lasso *et al*. 2004
Imparfinis spurrellii (Regan, 1913)	X	X					X		BMNH 1913.10.1.41
Imparfinis stictonotus (Fowler, 1940)				X					Galvis *et al*. 2007b
Leptorhamdia marmorata Myers, 1928					X				Lasso *et al*. 2004
Mastiglanis asopos Bockmann, 1994				X					Galvis *et al*. 2007b
Myoglanis koepckei Chang, 1999				X					Galvis *et al*. 2007b
Nemuroglanis mariai (Schultz, 1944)	X	X			X				USNM 121251
Phenacorhamdia macarenensis Dahl, 1961	X	X			X				Holotype: whereabouts unknown, probably lost
Phenacorhamdia nigrolineata Zarske 1998				X					IAvH-P 10948*
Pimelodella altipinnis (Steindachner, 1864)				X					Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006

Taxa	DC	EN	CT	Amz	Ori	Mag-Cauc	Pac	Car	Collections/References
Pimelodella chagresi (Steindachner, 1876)						X	X	X	Maldonado-Ocampo *et al*. 2005, Mojica *et al*. 2006b, Ortega-Lara *et al*. 2006a, Villa-Navarro *et al*. 2006
Pimelodella conquetaensis Ahl, 1925	X	X		X					ZMB 32030
Pimelodella cristata (Müller & Troschel, 1848)				X	X				Lasso *et al*. 2004, Bogotá-Gregory & Maldonado-Ocampo 2006
Pimelodella eutaenia Regan, 1913	X	X				X	X	X	BMNH 1913.10.1.37–40
Pimelodella figueroai Dahl, 1961	X	X			X				Holotype: Probably lost
Pimelodella geryi Hoedeman, 1961				X					Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006
Pimelodella gracilis (Valenciennes, 1840)				X	X				Lasso *et al*. 2004, Bogotá-Gregory & Maldonado-Ocampo 2006, Ortega *et al*. 2006
Pimelodella grisea (Regan, 1903)							X		Mojica *et al*. 2004, Ortega-Lara et al 2006b
Pimelodella hasemani Eigenmann, 1917				X					Ortega *et al*. 2006
Pimelodella linami Schultz, 1944					X				Galvis *et al*. 2007a
Pimelodella macrocephala (Miles, 1943)	X	X	NT			X			Holotype, ICNMHN whereabouts unknown, probably lost; Paratypes: MCZ 35876; USNM 120157
Pimelodella metae Eigenmann, 1917	X	X			X				FMNH 58441 [ex CM 7441 or 7141]; 58442; CAS [ex IU 13768]
Pimelodella modestus (Günther, 1860)							X		Mojica *et al*. 2004, Ortega-Lara et al 2006b
Pimelodella pallida Dahl, 1961	X	X			X				Holotype: Probably lost
Pimelodella reyesi Dahl, 1964	X	X						X	Holotype: whereabouts unknown
Rhamdia humilis (Günther, 1864)				X					Bogotá-Gregory & Maldonado-Ocampo 2006
Rhamdia laukidi Bleeker, 1858					X				Lasso *et al*. 2004
Rhamdia quelen (Quoy & Gaimard, 1824)				X	X	X	X	X	Lasso *et al*. 2004, Mojica *et al*. 2004, Maldonado-Ocampo *et al*. 2005, Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Maldonado-Ocampo *et al*. 2006a
Rhamdella sp.				X					Galvis *et al*. 2007b
Pimelodidae									
Aguarunichthys inpai Zuanon, Rapp Py-Daniel & Jégu, 1993				X					Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006
Bergiara westermanni (Lütken, 1874)				X					Bogotá-Gregory & Maldonado-Ocampo 2006

Taxa	**DC**	**EN**	**CT**	**Amz**	**Ori**	**Mag-Cauc**	**Pac**	**Car**	**Collections/References**
Brachyplatystoma capapretum Lundberg & Akama, 2005				X					Bogotá-Gregory & Maldonado-Ocampo 2006
Brachyplatystoma filamentosum (Lichtenstein, 1819)			A1d, A2d	X	X				Lasso *et al*. 2004, Maldonado-Ocampo 2004, Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006
Brachyplatystoma juruense (Boulenger, 1898)			A1d, A2d	X	X				Lasso *et al*. 2004, Maldonado-Ocampo 2004, Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006
Brachyplatystoma platynema Boulenger, 1898			A1d, A2d	X	X				Lasso *et al*. 2004, Maldonado-Ocampo 2004, Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006
Brachyplatystoma rousseauxii (Castelnau, 1855)				X	X				Lasso *et al*. 2004, Maldonado-Ocampo 2004, Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006
Brachyplatystoma tigrinum (Bristki, 1981)				X					Bogotá-Gregory & Maldonado-Ocampo 2006
Brachyplatystoma vaillantii (Valenciennes, 1840)			A1d, A2d	X	X				Lasso *et al*. 2004, Maldonado-Ocampo 2004, Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006
Calophysus macropterus (Lichtenstein, 1819)				X	X				Lasso *et al*. 2004, Maldonado-Ocampo 2004, Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006
Cheirocerus abuelo (Schultz, 1944)								X	Galvis *et al*. 1997
Cheirocerus eques Eigenmann, 1917				X					Ortega *et al*. 2006
Cheirocerus goeldii (Steindachner, 1908)				X					Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006
Duopalatinus peruanus Eigenmann & Allen, 1942					X				Lasso *et al*. 2004
Hemisorubim platyrhynchus (Valenciennes, 1840)				X	X				Lasso *et al*. 2004, Maldonado-Ocampo 2004, Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006
Hypophthalmus edentatus Spix & Agassiz, 1829				X	X				Lasso *et al*. 2004, Maldonado-Ocampo 2004, Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006
Hypophthalmus fimbriatus Kner, 1858				X					Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006
Hypophthalmus marginatus Valenciennes, 1840				X	X				Lasso *et al*. 2004, Maldonado-Ocampo 2004, Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006
Hypophthalmus oremaculatus Nani & Fuster, 1947				X					Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006
Leiarius marmoratus (Gill, 1870)				X	X				Lasso *et al*. 2004, Maldonado-Ocampo 2004, Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Maldonado-Ocampo *et al*. 2006b, Ortega *et al*. 2006
Leiarius pictus (Müller & Troschel, 1849)				X	X				Lasso *et al*. 2004, Maldonado-Ocampo 2004, Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006

Taxa	DC	EN	CT	Amz	Ori	Mag-Cauc	Pac	Car	Collections/References
Megalonema orixanthum Lundberg & Dahdul, 2008	X				X				ANSP 187449 (ex ANSP 148143)
Megalonema platycephalum Eigenmann, 1912				X	X				Lasso *et al*. 2004, Maldonado-Ocampo 2004, Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006
Megalonema psammium Schultz, 1944								X	Galvis *et al*. 1997
Megalonema xanthum Eigenmann, 1912	X	X				X			FMNH 56032 [ex CM 4822]; AMNH 5340; BMNH 1920.12.20.112-113, 1924.3.3.83-84; CAS 63674-75 [ex IU 12681-82]; FMNH 10251, 10284-89, 77909, 56032-33, 69818, 95984; MCZ 30961; UMMZ 190406; USNM 76930, 79222, 167852
Perrunichthys perruno Schultz, 1944				X					Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006
Phractocephalus hemioliopterus (Bloch & Schneider, 1801)				X	X				Lasso *et al*. 2004, Maldonado-Ocampo 2004, Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006
Pimelodina flavipinnis Steindachner, 1877				X	X				Lasso *et al*. 2004, Maldonado-Ocampo 2004, Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006
Pimelodus albofasciatus Mees, 1974					X				Lasso *et al*. 2004
Pimelodus blochii Valenciennes, 1840				X	X	X	X	X	Lasso *et al*. 2004, Maldonado-Ocampo 2004, Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Maldonado-Ocampo *et al*. 2006b, Ortega *et al*. 2006
Pimelodus coprophagus Schultz, 1944			B2c					X	Mojica *et al*. 2002
Pimelodus garciabarrigai Dahl, 1961	X	X			X				ICNMHN 744 (perhaps lost). Paratypes: ICNMHN 410
Pimelodus grosskopfii Steindachner, 1879	X	X				X	X	X	NMW 45781-82
Pimelodus maculatus La Cepède, 1803				X	X				Bogotá-Gregory & Maldonado-Ocampo 2006
Pimelodus navarroi Schultz, 1944								X	Galvis *et al*. 1997
Pimelodus ornatus Kner, 1858				X	X				Lasso *et al*. 2004, Maldonado-Ocampo 2004, Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006
Pimelodus pictus Steindachner, 1877				X	X				Lasso *et al*. 2004, Maldonado-Ocampo 2004, Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006
Pimelodus punctatus (Meek & Hildebrand, 1913)								X	Maldonado-Ocampo *et al*. 2006a, Mojica *et al*. 2004
Pinirampus pirinampu (Spix & Agassiz, 1829)				X	X				Lasso *et al*. 2004, Maldonado-Ocampo 2004, Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006

Taxa	DC	EN	CT	Amz	Ori	Mag-Cauc	Pac	Car	Collections/References
Platynematichthys notatus (Jardine, 1841)				X	X				Lasso *et al*. 2004, Maldonado-Ocampo 2004, Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006
Platysilurus malarmo Schultz, 1944			B2c					X	Galvis *et al*. 1997
Platysilurus mucosus (Vaillant, 1880)				X	X				Lasso *et al*. 2004, Maldonado-Ocampo 2004, Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006
Platystomatichthys sturio (Kner, 1858)				X					Bogotá-Gregory & Maldonado-Ocampo 2006
Pseudoplatystoma magdaleniatum Buitrago-Suárez & Burr, 2007	X	X	A1d			X			CAS 19165; FMNH 56278, 59234
Pseudoplatystoma metaense Buitrago-Suárez & Burr, 2007	X	X			X				ANSP 146858, 128135, 149541
Pseudoplatystoma orinocoense Buitrago-Suárez & Burr, 2007					X				Buitrago-Suárez & Burr 2007
Pseudoplatystoma punctifer (Castelnau, 1855)				X					Buitrago-Suárez & Burr 2007
Pseudoplatystoma tigrinum (Valenciennes, 1840)			A1d, A2d	X					Buitrago-Suárez & Burr 2007
Sorubim cuspicaudus Litmann, Burr & Nass, 2000	X	X	A1d, A2d			X			FMNH 56223; AUM 28756; CAS 150404, 150406; FMNH 60305, 107492; INHS 35428
Sorubim elongatus Litmann, Burr, Smith & Isern, 2001				X	X				Lasso *et al*. 2004, Maldonado-Ocampo 2004, Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006
Sorubim lima (Bloch & Schneider, 1801)			A1d, A2d	X	X				Lasso *et al*. 2004, Maldonado-Ocampo 2004, Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006
Sorubim maniradii Littman, Burr & Buitrago-Suárez, 2001				X					Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006
Sorubimichthys planiceps (Spix & Agassiz, 1829)			A2d	X	X				Lasso *et al*. 2004, Maldonado-Ocampo 2004, Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006
Zungaro zungaro (Humboldt, 1821)			A1d, A2d	X	X				Lasso *et al*. 2004, Maldonado-Ocampo 2004, Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006
Ariidae									
Notarius bonillai (Miles, 1945)	X	X				X			ICNMHN 9873
Doradidae									
Acanthodoras cataphractus (Linnaeus, 1758)				X	X				Lasso *et al*. 2004, Bogotá-Gregory & Maldonado-Ocampo 2006
Acanthodoras spinosissimus (Eigenmann & Eigenmann, 1888)				X	X				Bogotá-Gregory & Maldonado-Ocampo 2006, Maldonado-Ocampo *et al*. 2006b

Taxa	DC	EN	CT	Amz	Ori	Mag-Cauc	Pac	Car	Collections/References
Agamyxis albomaculatus (Peters, 1877)				X	X				Lasso *et al*. 2004, Bogotá-Gregory & Maldonado-Ocampo 2006, Ortega *et al*. 2006
Agamyxis pectinifrons (Cope, 1870)				X					Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Ortega *et al*. 2006
Amblydoras affinis (Kner, 1855)				X	X				Lasso *et al*. 2004, Bogotá-Gregory & Maldonado-Ocampo 2006
Amblydoras bolivarensis (Fernández-Yépez, 1968)					X				Lasso *et al*. 2004, Maldonado-Ocampo 2004, Maldonado-Ocampo *et al*. 2006b
Amblydoras gonzalezi (Fernández-Yépez, 1968)				X	X				Lasso *et al*. 2004, Galvis *et al*. 2007b
Amblydoras hancockii (Valenciennes, 1840)					X				IAvH-P 747*, 1075*, 1181*, 2807*
Amblydoras monitor (Cope, 1872)				X					Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006
Amblydoras nauticus (Cope, 1874)				X					Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006
Anadoras grypus (Cope, 1872)				X					Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Ortega *et al*. 2006
Anadoras regani (Steindachner, 1908)				X					Bogotá-Gregory & Maldonado-Ocampo 2006
Anduzedoras oxyrhynchus (Valenciennes, 1821)					X				Lasso *et al*. 2004
Centrochir crocodili (Humboldt, 1821)	X	X				X			No types known, IAvH-P 7883*
Centrodoras brachiatus (Cope, 1872)				X					Bogotá-Gregory & Maldonado-Ocampo 2006
Doraops zuloagai Schultz, 1944			B2c					X	Galvis *et al*. 1997
Doras carinatus (Linnaeus, 1766)				X					Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Ortega *et al*. 2006
Doras phlyzakion Sabaj Pérez & Birindelli, 2008				X					Sabaj-Pérez & Brindelli 2008
Doras punctatus Kner, 1853				X					Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006
Hassar orestis (Steindachner, 1875)				X	X				Lasso *et al*. 2004, Bogotá-Gregory & Maldonado-Ocampo 2006
Hemidoras morrisi Eigenmann, 1925				X					Bogotá-Gregory & Maldonado-Ocampo 2006
Hemidoras stenopeltis (Kner, 1855)				X					Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006
Hypodoras forficulatus Eigenmann, 1925				X					Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006
Leptodoras acipenserinus (Günther, 1868)				X					IAvH-P 257*, 258*

Taxa	DC	EN	CT	Amz	Ori	Mag-Cauc	Pac	Car	Collections/References
Leptodoras copei (Fernández-Yépez, 1968)				X	X				Lasso *et al*. 2004, Bogotá-Gregory & Maldonado-Ocampo 2006
Leptodoras juruensis Boulenger, 1898				X					Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Ortega *et al*. 2006
Leptodoras linnelli Eigenmann, 1912					X				Lasso *et al*. 2004
Leptodoras nelsoni Sabaj, 2005	X			X	X				ANSP 180917
Megalodoras uranoscopus (Eigenmann & Eigenmann, 1888)				X					Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Ortega *et al*. 2006
Nemadoras elongatus (Boulenger, 1898)				X					Bogotá-Gregory & Maldonado-Ocampo 2006
Nemadoras hemipeltis (Eigenmann, 1925)				X					Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006
Nemadoras humeralis (Kner, 1855)				X					Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006
Nemadoras leporhinus (Eigenmann, 1912)				X	X				Lasso *et al*. 2004, Bogotá-Gregory & Maldonado-Ocampo 2006
Nemadoras trimaculatus (Boulenger, 1898)				X					Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006
Opsodoras boulengeri (Steindachner, 1915)				X					Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Ortega *et al*. 2006
Opsodoras morei (Steindachner, 1881)				X					Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006
Opsodoras stuebelii (Steindachner, 1882)				X					Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006
Opsodoras ternetzi Eigenmann, 1925				X					Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006
Orinocodoras eigenmanni Myers, 1927					X				Lasso *et al*. 2004
Oxydoras niger (Valenciennes, 1821)				X	X				Lasso *et al*. 2004, Maldonado-Ocampo 2004, Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Maldonado-Ocampo *et al*. 2006b, Ortega *et al*. 2006
Oxydoras sifontesi Fernández-Yépez, 1968					X				Lasso *et al*. 2004, Maldonado-Ocampo *et al*. 2006b
Physopyxis ananas Sousa & Rapp Py-Daniel, 2005				X	X				IAvH-P 2106*, 9259*
Physopyxis lyra Cope, 1871				X					Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006
Platydoras armatulus (Valenciennes, 1840)				X	X				IAvH-P 491*, 859*, 1037*, 6050-6053*
Platydoras costatus (Linnaeus, 1758)				X	X				Lasso *et al*. 2004, Maldonado-Ocampo 2004, Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Maldonado-Ocampo *et al*. 2006b, Ortega *et al*. 2006

Taxa	DC	EN	CT	Amz	Ori	Mag-Cauc	Pac	Car	Collections/References
Pterodoras granulosus (Valenciennes, 1821)				X					Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Ortega *et al*. 2006
Pterodoras rivasi (Fernández-Yépez, 1950)				X	X				Lasso *et al*. 2004, Bogotá-Gregory & Maldonado-Ocampo 2006
Rhinodoras gallagheri Sabaj, Taphorn & Castillo G., 2008					X				IAvH-P 3208*
Rhinodoras thomersoni Thaporn & Lylyestrom, 1984			B2c					X	Galvis *et al*. 1997
Scorpiodoras heckelii (Kner, 1855)				X	X				Lasso *et al*. 2004, Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Maldonado-Ocampo *et al*. 2006b
Trachydoras microstomus (Eigenmann, 1912)				X					Bogotá-Gregory & Maldonado-Ocampo 2006
Trachydoras nattereri (Steindachner, 1881)				X					Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006
Trachydoras steindachneri (Perugia, 1897)				X					Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006
Auchenipteridae									
Ageneiosus atronasus Eigenmann & Eigenmann, 1888				X					Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006
Ageneiosus brevis Steindachner, 1881				X					Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Ortega *et al*. 2006
Ageneiosus inermis (Linnaeus, 1766)				X	X				Lasso *et al*. 2004, Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Maldonado-Ocampo *et al*. 2006b, Ortega *et al*. 2006
Ageneiosus magoi Castillo & Brull, 1989					X				Lasso *et al*. 2004
Ageneiosus pardalis Lütken, 1874			A1d, A2d, B2c			X		X	Maldonado-Ocampo *et al*. 2005, 2006a
Ageneiosus piperatus (Eigenmann, 1912)				X					Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006
Ageneiosus ucayalensis Castelnau, 1855				X	X				Lasso *et al*. 2004, Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006
Ageneiosus vittatus Steindachner, 1908				X	X				Lasso *et al*. 2004, Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006
Auchenipterichthys longimanus (Günther, 1864)				X	X				Lasso *et al*. 2004, Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Maldonado-Ocampo *et al*. 2006b
Auchenipterichthys punctatus (Valenciennes, 1840)				X					Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006
Auchenipterichthys thoracatus (Kner, 1858)				X	X				Lasso *et al*. 2004, Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Ortega *et al*. 2006

Taxa	DC	EN	CT	Amz	Ori	Mag-Cauc	Pac	Car	Collections/References
Auchenipterus ambyiacus Fowler, 1915				X	X				Lasso *et al*. 2004, Bogotá-Gregory & Maldonado-Ocampo 2006
Auchenipterus brachyurus (Cope, 1878)				X					Galvis *et al*. 2007b
Auchenipterus nuchalis (Spix & Agassiz, 1829)				X	X				Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Ortega *et al*. 2006, IAvH-P 5724*
Centromochlus altae Fowler, 1945	X	X		X					ANSP 71700, 71701-04
Centromochlus existimatus Mees, 1974				X					Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006
Centromochlus heckelii (De Filippi, 1853)				X	X				Lasso *et al*. 2004, Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006
Centromochlus megalops Kner, 1858	X	X			X				NMW 47359-60
Centromochlus reticulatus (Mees, 1974)				X					Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006
Centromochlus romani (Mees, 1988)					X				Galvis *et al*. 2007a
Entomocorus gameroi Mago-Leccia, 1984					X				Lasso *et al*. 2004
Epapterus dispilurus Cope, 1878				X					Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Ortega *et al*. 2006
Gelanoglanis stroudi Böhlke, 1980	X				X				ANSP 142937, 142938-39, 142940, 142941; FMNH 83911, 83912; MZUSP 14641
Liosomadoras morrowi Fowler, 1940				X					Bogotá-Gregory & Maldonado-Ocampo 2006
Liosomadoras oncinus (Jardine, 1841)				X					Galvis *et al*. 2007b
Pseudepapterus cucuhyensis Böhlke, 1951				X					Bogotá-Gregory & Maldonado-Ocampo 2006
Pseudepapterus hasemani (Steindachner, 1915)				X					Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006
Tatia aulopygia (Kner, 1858)				X	X				Lasso *et al*. 2004, Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Maldonado-Ocampo *et al*. 2006b
Tatia dunni Fowler, 1945	X			X					ANSP 71705, 71706
Tatia galaxias Mees, 1974					X				Lasso *et al*. 2004, Sarmento-Soares & Martins-Pinheiro 2008
Tatia gyrina (Eigenmann & Allen, 1942)				X					Sarmento-Soares & Martins-Pinheiro 2008
Tatia intermedia (Steindachner, 1877)				X					Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006

Taxa	DC	EN	CT	Amz	Ori	Mag-Cauc	Pac	Car	Collections/References
Tatia perugiae (Steindachner, 1882)				X					Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006
Tetranematichthys quadrifilis (Kner, 1858)				X	X				Lasso *et al*. 2004, IAvH-P 9084*
Tetranematichthys wallacei Vari & Ferraris 2006				X	X				Bogotá-Gregory & Maldonado-Ocampo 2006, Maldonado-Ocampo *et al*. 2006b
Trachelyichthys decaradiatus Mees, 1974					X				Galvis *et al*. 2007a
Trachelyopterichthys anduzei Ferraris & Fernandez, 1987					X				Maldonado-Ocampo *et al*. 2006b
Trachelyopterichthys taeniatus (Kner, 1858)				X	X				Lasso *et al*. 2004, Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Maldonado-Ocampo *et al*. 2006b, Ortega *et al*. 2006
Trachelyopterus fisheri (Eigenmann, 1916)	X	X				X		X	FMNH 57695 [ex CM 6667a], 57696-98; CAS 52136 [ex IU 13496], 57937 [ex IU 13495], 57938 [ex IU 13497]; USNM 76929
Trachelyopterus insignis (Steindachner, 1878)	X	X				X		X	Syntypes NMW, status unknown
Trachelyopterus galeatus (Linnaeus, 1766)				X	X				Lasso *et al*. 2004, Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Ortega *et al*. 2006
Gymnotiformes									
Gymnotidae									
Electrophorus electricus (Linnaeus, 1766)				X	X				Maldonado-Ocampo & Albert 2003
Gymnotus anguillaris Hoedeman, 1962					X				Maldonado-Ocampo & Albert 2003
Gymnotus arapaima Albert & Crampton, 2001				X					IAvH-P*
Gymnotus ardilai Maldonado-Ocampo & Albert, 2005	X	X				X			IAvHP 3477, 4001
Gymnotus carapo Linnaeus, 1758				X	X				Maldonado-Ocampo & Albert 2003
Gymnotus cataniapo Mago-Leccia, 1994					X				Maldonado-Ocampo & Albert 2003
Gymnotus choco Albert, Crampton & Maldonado, 2003	X	X					X	X	ICNMHN 6621; NRM 27734
Gymnotus coropinae Hoedeman, 1962				X	X				Maldonado-Ocampo & Albert 2003, Galvis *et al*. 2007a
Gymnotus curupira Crampton, Thorsen & Albert, 2005				X					IAvH-P*

Taxa	DC	EN	CT	Amz	Ori	Mag-Cauc	Pac	Car	Collections/References
Gymnotus henni Albert, Crampton & Maldonado, 2003	X	X					X		CAS 47290, 217162; FMNH 56793
Gymnotus javari Albert, Crampton & Hagedorn, 2003				X					Galvis *et al*. 2007b, Arbeláez *et al*. 2008
Gymnotus pedanopterus Mago-Leccia, 1994				X					Maldonado-Ocampo & Albert 2003
Gymnotus stenoleucus Mago-Leccia, 1994				X	X				Maldonado-Ocampo & Albert 2003
Gymnotus tigre Albert & Crampton, 2003	X			X					UF 25552, 128412; ICNMHN 6690
Sternopygidae									
Distocyclus conirostris (Eigenmann & Allen, 1942)				X					Maldonado-Ocampo & Albert 2003
Distocyclus goajira (Schultz, 1949)								X	Maldonado-Ocampo & Albert 2003
Eigenmannia humboldtii (Steindachner, 1878)	X					X		X	NMW 64988, ?64989
Eigenmannia macrops (Boulenger, 1897)					X				Lasso *et al*. 2004
Eigenmannia nigra Mago-Leccia, 1994				X					Maldonado-Ocampo & Albert 2003
Eigenmannia limbata (Schreiner & Miranda Ribeiro, 1903)				X					Maldonado-Ocampo & Albert 2003
Eigenmannia virescens (Valenciennes, 1842)				X	X	X	X	X	Maldonado-Ocampo & Albert 2003
Rhabdolichops caviceps (Fernández-Yépez, 1968)					X				Maldonado-Ocampo & Albert 2003
Rhabdolichops troschelli (Kaup, 1856)				X					Maldonado-Ocampo & Albert 2003
Sternopygus aequilabiatus (Humboldt, 1805)	X	X				X			No types known
*Sternopygus astrabe*s Mago-Leccia, 1994					X				Lasso *et al*. 2004, Maldonado-Ocampo *et al*. 2006b
Sternopygus dariensis Meek & Hildebrand, 1916							X	X	Maldonado-Ocampo & Albert 2003
Sternopygus macrurus (Bloch & Schneider, 1801)				X	X				Maldonado-Ocampo & Albert 2003
Sternopygus pejeraton Schultz, 1949								X	Maldonado-Ocampo & Albert 2003
Rhamphichthyidae									
Gymnorhamphichthys hypostomus Ellis, 1912				X	X				Maldonado-Ocampo & Albert 2003

Taxa	DC	EN	CT	Amz	Ori	Mag-Cauc	Pac	Car	Collections/References
Gymnorhamphichthys rondoni (Miranda Ribeiro, 1920)				X	X				Maldonado-Ocampo & Albert 2003
Rhamphichthys drepanium Triques, 1999					X				Maldonado-Ocampo & Albert 2003
Rhamphichthys marmoratus Castelnau, 1855					X				Maldonado-Ocampo & Albert 2003
Rhamphichthys rostratus (Linnaeus, 1776)				X	X				Maldonado-Ocampo & Albert 2003
Hypopomidae									
Brachyhypopomus beebi (Schultz, 1944)				X	X				Maldonado-Ocampo & Albert 2003
Brachyhypopomus brevirostris (Steindachner, 1868)				X	X	X			Maldonado-Ocampo & Albert 2003
Brachyhypopomus occidentalis (Regan, 1914)	X					X	X	X	BMNH 1914.5.18.94-98
Brachyhypopomus pinnicaudatus (Hopkins, 1991)				X					Maldonado-Ocampo & Albert 2003
Hypopomus artedi (Kaup, 1856)				X					Maldonado-Ocampo & Albert 2003
Hypopygus lepturus Hoedeman, 1962				X	X				Maldonado-Ocampo & Albert 2003
Hypopygus neblinae Mago-Leccia, 1994				X	X				Maldonado-Ocampo & Albert 2003, Galvis *et al*. 2007a
Microsternarchus bilineatus Fernández-Yépez, 1968					X				Maldonado-Ocampo & Albert 2003
Steatogenys duidae (La Monte, 1929)				X	X				Maldonado-Ocampo & Albert 2003, Galvis *et al*. 2007a
Steatogenys elegans (Steindachner, 1880)				X	X				Maldonado-Ocampo & Albert 2003
Stegostenopos cryptogenes Triques, 1997					X				Maldonado-Ocampo & Albert 2003
Apteronotidae									
Adontosternarchus balaneops (Cope, 1878)				X					Maldonado-Ocampo & Albert 2003
Adontosternarchus clarkae Mago-Leccia, Lundberg & Baskin, 1985				X					Maldonado-Ocampo & Albert 2003
Adontosternarchus devenanzii Mago-Leccia, Lundberg & Baskin, 1985					X				Maldonado-Ocampo & Albert 2003
Apteronotus albifrons (Linnaeus, 1766)					X				Maldonado-Ocampo & Albert 2003
Apteronotus apurensis Fernández-Yépez, 1968					X				Maldonado-Ocampo & Albert 2003

Taxa	DC	EN	CT	Amz	Ori	Mag-Cauc	Pac	Car	Collections/References
Apteronotus bonapartii (Castelnau, 1855)				X					Maldonado-Ocampo & Albert 2003
Apterontous cuchillejo (Schultz, 1949)								X	Maldonado-Ocampo & Albert 2003
Apteronotus cuchillo Schultz, 1949								X	Maldonado-Ocampo & Albert 2003
Apteronotus eschmeyeri de Santana, Maldonado-Ocampo, Severi & Mendes, 2003	X	X				X		X	CAS 72115; FMNH 56775-76; IAVH-P 3304; ICNMHN 6741; IMCN 2000; USNM 120473
Apteronotus galvisi de Santana, Maldonado-Ocampo & Crampton 2007	X	X			X				IAvH-P 8133, 8129, 8130-8132, 8167
Apteronotus jurubidae (Fowler, 1944)	X	X					X		ANSP 71435
Apteronotus leptorhynchus (Ellis, 1912)					X		X	X	Maldonado-Ocampo & Albert 2003
Apteronotus macrostomus (Fowler, 1943)	X	X			X				ANSP 70528
Apteronotus macrolepis (Steindachner, 1881)				X					Bogotá-Gregory & Maldonado-Ocampo 2006
Apteronotus magdalenensis (Miles, 1945)	X	X	C			X			Holotype: Probably lost; BMNH 1947.7.1.138; USNM 123795
Apteronotus mariae (Eigenmann & Fisher, 1914)	X	X				X			FMNH 56774 [ex CM 5594]; CAS 62345 [ex IU 13375]
Apteronotus milesi de Santana & Maldonado-Ocampo 2005	X	X				X			IAVHP 3996; CAS 72249 [ex IU 13379], 72250 [ex IU 13379]); IAVH-P 3997; ICMN 2500; ICNMNH 3155; FMNH 56775, 56776, 56777, 56778
Apteronotus rostratus (Meek & Hildebrand, 1913)							X	X	Maldonado-Ocampo & Albert 2003
Apteronotus spurrellii (Regan, 1914)	X	X					X		BMNH 1914.5.18.90-93
Compsaraia compsa (Mago-Leccia, 1994)					X				Maldonado-Ocampo & Albert 2003
Parapteronotus hasemani (Ellis, 1913)				X					Maldonado-Ocampo & Albert 2003
Platyurosternarchus macrostomus (Günther, 1870)				X	X				Maldonado-Ocampo & Albert 2003
Sternarchella schotti (Steindachner, 1868)				X					Maldonado-Ocampo & Albert 2003
Sternarchella sima Starks, 1913					X				Maldonado-Ocampo & Albert 2003
Sternarchorhamphus muelleri (Steindachner, 1882)				X					Maldonado-Ocampo & Albert 2003
Sternarchogiton nattereri (Steindachner, 1868)				X					Maldonado-Ocampo & Albert 2003

Taxa	DC	EN	CT	Amz	Ori	Mag-Cauc	Pac	Car	Collections/References
Sternarchorhynchus curvirostris (Boulenger, 1887)				X	X				Maldonado-Ocampo & Albert 2003, Galvis *et al*. 2007b
Sternarchorhynchus mormyrus (Steindachner, 1868)				X	X				Maldonado-Ocampo & Albert 2003
Sternarchorhynchus oxyrhynchus (Müller & Troschel, 1849)				X					Maldonado-Ocampo & Albert 2003
Sternarchorhynchus roseni Mago-Leccia, 1994					X				Maldonado-Ocampo & Albert 2003
Batrachoidiformes									
Batrachoididae									
Daector gerringi (Rendahl, 1941)	X	X						X	NRM 10651
Daector quadrizonatus (Eigenmann, 1922)	X	X					X	X	FMNH [ex CM 3921] (missing)
Thalassophryne amazonica Steindachner, 1876				X					Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006
Cyprinodontiformes									
Rivulidae									
Austrofundulus guajira Hrbek, Taphorn & Thomerson 2005								X	Hrbek *et al*. 2005
Austrofundulus myersi Dahl, 1958	X	X				X			SU 49513, 49513, 68324; DZVU [ex SU 49513]
Rachovia brevis (Regan, 1912)	X					X		X	BMNH 1908.5.14.8
Rachovia hummelincki Beaufort, 1940						X			Taphorn & Thomerson 1978
Rachovia maculipinnis (Radda, 1964)					X				Taphorn & Thomerson 1978
Rivulus altivelis Huber, 1992	X	X			X				NRM 16548, 14687
Rivulus atratus Garman, 1895				X					Bogotá-Gregory & Maldonado-Ocampo 2006
Rivulus boehlkei Huber & Fels, 1985	X	X				X			ANSP 139467, 139467
Rivulus corpulentus Thomerson & Taphorn, 1993	X	X			X				SU [not CAS] 69692, 53693
Rivulus elegans Steindachner, 1880	X	X			X	X	X	X	NMW 60544:1, 60544:2-3, 18893-6
Rivulus elongatus Fles & de Rham, 1981				X					Bogotá-Gregory & Maldonado-Ocampo 2006
Rivulus leucurus Fowler, 1944	X	X					X		ANSP 71436, 71437-50
Rivulus limoncochae Hoedeman, 1962				X	X				Bogotá-Gregory & Maldonado-Ocampo 2006, Galvis *et al*. 2007a

Taxa	DC	EN	CT	Amz	Ori	Mag-Cauc	Pac	Car	Collections/References
Rivulus magdalenae Eigenmann & Henn, 1916	X	X				X			FMNH 56997 [ex CM 5813], FMNH 56998-99, 57000-02; CAS 44227 [ex CM 5814a-m; IU 13603], 52234 [ex IU 13606], 52235 [ex IU 13605], 78377 [ex IU 13606]
Rivulus pacificus Huber, 1992	X	X					X	X	NRM 16551, 14683; BMNH 1910.7.11.211-216, 1913.10.1.69-78; CAS 76354 [ex IU 13602], 76356 [ex IU 13601]
Rivulus ophiomimus Huber, 1992				X					Bogotá-Gregory & Maldonado-Ocampo 2006
Rivulus ornatus Garman, 1895				X					Bogotá-Gregory & Maldonado-Ocampo 2006
Rivulus rubrolineatus Fels & de Rham, 1981				X					Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Ortega *et al*. 2006
Rivulus taeniatus Fowler, 1945	X	X		X					ANSP 71720,71721
Rivulus tessellatus Huber, 1992	X	X			X				ANSP 139468, 168979
Rivulus urophthalmus Günther, 1866				X					Ortega *et al*. 2006
Poeciliidae									
Fluviphylax obscurus Costa, 1996					X				Lasso *et al*. 2004
Fluviphylax pygmaeus (Myers & Carvalho, 1955)				X					Lucinda 2003
Gambusia lemaitrei Fowler, 1950	X	X				X			ANSP 71938, 71939-40
Neoheterandria elegans Henn, 1916	X	X						X	FMNH 57007 [ex CM 5823], 57008 [ex CM 5824a-g]; AMNH 22705sw [ex FMNH 57008], 36481 [ex IU 13612]; CAS 22768 [ex IU 13612]; UMMZ 65232 [ex IU 13612]
Poecilia caucana (Steindachner, 1880)	X					X		X	NMW 81128
Poecilia cuneata Garman, 1895								X	Maldonado-Ocampo *et al*. 2006a, Mojica *et al*. 2004
Poecilia mechthildae Meyer, Etzel & Bork, 2002	X	X						X	MTDF 26473-26476; SMF 28889
Poecilia orri Fowler, 1943								X	Lucinda 2003
Poeciliopsis turrubarensis (Meek, 1912)							X		Mojica *et al*. 2004, Ortega-Lara et al 2006b
Priapichthys caliensis (Eigenmann & Henn, 1916)	X	X				X	X		FMNH 57721 [ex CM 6700a], FMNH [ex CM 6700b]
Priapichthys chocoensis Henn, 1916	X	X					X		CAS 22547 [ex IU 13618], 22560 [ex IU 13619]; FMNH 57009; UMMZ 65223 [ex IU 13619]

Taxa	DC	EN	CT	Amz	Ori	Mag-Cauc	Pac	Car	Collections/References
Priapichthys nigroventralis (Eigenmann & Henn, 1912)	X	X					X	X	FMNH 56045; BMNH 1913.10.1.68
Pseudopoecilia austrocolumbiana Radda, 1987	X	X					X		FMNH 56045 [ex CM 4835], 54046; BMNH 1924.3.3.85-86; CAS 22765 [ex IU 12689]; USNM 79205
Pseudopoecilia fria (Eigenmann & Henn, 1914)							X		Mojica *et al*. 2004, Ortega-Lara et al 2006b
Beloniformes									
Belonidae									
Belonion apodion Collette, 1966					X				Lasso *et al*. 2004, Maldonado-Ocampo *et al*. 2006b
Belonion dibranchodon Collette, 1966	X			X	X				AMNH 20808; MNHN B-2529; USNM 199463
Potamorrhaphis guianensis (Jardine, 1843)				X	X				Lasso *et al*. 2004, Maldonado-Ocampo 2004, Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Maldonado-Ocampo *et al*. 2006b, Ortega *et al*. 2006
Potamorrhaphis petersi Collette, 1974	X				X				USNM 210546, 210547, 210861; AMNH 9619; CAS 27587; MBUCV-V-6132; MNHN 1887-0655-0656
Pseudotylosurus microps (Günther, 1866)				X	X				Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Ortega *et al*. 2006, Galvis *et al*. 2007ab
Synbranchiformes									
Synbranchidae									
Synbranchus marmoratus Bloch, 1795				X	X	X	X	X	Lasso *et al*. 2004, Maldonado-Ocampo *et al*. 2005, Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Maldonado-Ocampo *et al*. 2006ab, Ortega *et al*. 2006
Perciformes									
Sciaenidae									
Pachypops fourcroi (Lacepède, 1802)				X					Bogotá-Gregory & Maldonado-Ocampo 2006
Pachypops trifilis (Müller & Troschel, 1849)				X					Bogotá-Gregory & Maldonado-Ocampo 2006
Pachyurus gabrielensis Casatti, 2001					X				IAvH-P 4761*
Pachyurus junki Soares & Casatti, 2000				X					Bogotá-Gregory & Maldonado-Ocampo 2006
Pachyurus schomburgkii Günther, 1860				X	X				Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Ortega *et al*. 2006, Galvis *et al*. 2007a

Taxa	DC	EN	CT	Amz	Ori	Mag-Cauc	Pac	Car	Collections/References
Plagioscion magdalenae (Steindachner, 1878)	X	X	A1d, A2d			X		X	Syntypes NMW, status unknown
Plagioscion squamosissimus (Heckel, 1840)				X	X				Lasso *et al*. 2004, Maldonado-Ocampo 2004, Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Maldonado-Ocampo *et al*. 2006b, Ortega *et al*. 2006
Polycentridae									
Monocirrhus polyacanthus Heckel, 1840				X	X				Lasso *et al*. 2004, Maldonado-Ocampo 2004, Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Ortega *et al*. 2006
Cichlidae									
Acarichthys heckelii (Müller & Troschel, 1849)				X					Bogotá-Gregory & Maldonado-Ocampo 2006
Acaronia nassa (Heckel, 1840)				X					Bogotá-Gregory & Maldonado-Ocampo 2006
Acaronia vultuosa Kullander, 1989				X	X				Lasso *et al*. 2004, Bogotá-Gregory & Maldonado-Ocampo 2006, Maldonado-Ocampo *et al*. 2006b
Aequidens biseriatus (Regan, 1913)	X	X					X	X	BMNH 1913.10.1.80-88
Aequidens coeruleopunctatus (Kner & Steindachner, 1863)							X		Mojica *et al*. 2004
Aequidens diadema (Heckel, 1840)				X	X				Lasso *et al*. 2004, Maldonado-Ocampo 2004, Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Maldonado-Ocampo *et al*. 2006b, Ortega *et al*. 2006
Aequidens latifrons (Steindachner, 1878)	X	X				X	X	X	NMW Holotype catalogue number unknown
Aequidens metae Eigenmann, 1922	X	X		X	X				CAS 66884 [ex IU 13967], 66983 [ex IU 13967]
Aequidens pallidus (Heckel, 1840)				X					Bogotá-Gregory & Maldonado-Ocampo 2006
Aequidens potaroensis Eigenmann, 1912				X					Bogotá-Gregory & Maldonado-Ocampo 2006
Aequidens pulcher (Gill, 1858)						X		X	Maldonado-Ocampo *et al*. 2005, Mojica *et al*. 2006b, Ortega-Lara *et al*. 2006a, Villa-Navarro *et al*. 2006
Aequidens sapayensis (Regan, 1903)							X		Mojica *et al*. 2004, Ortega-Lara et al 2006b
Aequidens tetramerus (Heckel, 1840)				X	X				Lasso *et al*. 2004, Maldonado-Ocampo 2004, Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Maldonado-Ocampo *et al*. 2006b, Ortega *et al*. 2006
Apistogramma agassizi (Steindachner, 1875)				X					Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006

Taxa	DC	EN	CT	Amz	Ori	Mag-Cauc	Pac	Car	Collections/References
Apistogramma alacrina Kullander, 2004	X	X		X	X				UF 33670, 128785, 33687, 33717; CAS 50638; ICN-MNHN 6735; NRM 27040, 33375, 36102
Apistogramma bitaeniata Pellegrin, 1936				X					Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Ortega *et al*. 2006
Apistogramma cacatuoides Hoedeman, 1951				X					Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006
Apistogramma commbrae (Regan, 1906)				X					Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006
Apistogramma cruzi Kullander, 1986				X					Bogotá-Gregory & Maldonado-Ocampo 2006, Ortega *et al*. 2006
Apistogramma diplotaenia Kullander, 1987				X					Bogotá-Gregory & Maldonado-Ocampo 2006
Apistogramma eunotus Kullander, 1987				X					Bogotá-Gregory & Maldonado-Ocampo 2006
Apistogramma geisleri Meinken, 1971				X					Bogotá-Gregory & Maldonado-Ocampo 2006
Apistogramma hongsloi Kullander, 1979	X			X	X				NRM 11234, 11235-39
Apistogramma inconspicua Kullander, 1983				X					Bogotá-Gregory & Maldonado-Ocampo 2006
Apistogramma iniridae Kullander, 1979	X	X		X	X				NRM 11224, 11225-30; IRSNB 15.223
Apistogramma macmasteri Kullander, 1979	X	X			X				NRM 11240, 11241-44; AMNH 22733; FMNH 55218 [ex CM 3930]
Apistogramma ortmanni (Eigenmann, 1912)				X					Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006
Apistogramma pertensis (Haseman, 1911)				X					Bogotá-Gregory & Maldonado-Ocampo 2006
Apistogramma regani Kullander, 1980				X					Bogotá-Gregory & Maldonado-Ocampo 2006
Apistogramma uaupesi Kullander, 1980				X	X				Lasso *et al*. 2004, Maldonado-Ocampo 2004, Maldonado-Ocampo *et al*. 2006b, Galvis *et al*. 2007b
Apistogramma viejita Kullander, 1979	X	X			X				NRM 11231, 11232
Apistogrammoides pucallpaensis Meinken, 1965				X					Kulander 2003
Astronotus ocellatus (Agassiz, 1831)				X	X				Lasso *et al*. 2004, Maldonado-Ocampo 2004, Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Maldonado-Ocampo *et al*. 2006b, Ortega *et al*. 2006
Biotodoma cupido (Heckel, 1840)				X					Bogotá-Gregory & Maldonado-Ocampo 2006

Taxa	DC	EN	CT	Amz	Ori	Mag-Cauc	Pac	Car	Collections/References
Biotodoma wavrini (Gosse, 1963)				X	X				Lasso *et al*. 2004, Maldonado-Ocampo 2004, Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Maldonado-Ocampo *et al*. 2006b
Biotecus dicentrarchus Kullander, 1989	X								ICNMHN 1400; FMNH 85650, 105089; NRM 16662, 37078
Bujurquina huallagae Kullander, 1986				X					Ortega *et al*. 2006
Bujurquina mariae (Eigenmann, 1922)	X	X		X	X				CAS 34711 [ex IU 15011], 34712 [ex IU 15011],66888 [ex IU 13794]; BMNH 1910.12.20.172
Bujurquina moriorum Kullander, 1986				X					Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Ortega *et al*. 2006
Bujurquina ortegai Kullander, 1986				X					Ortega *et al*. 2006
Bujurquina peregrinabunda Kullander, 1986				X					Bogotá-Gregory & Maldonado-Ocampo 2006
Bujurquina syspilus (Cope, 1872)				X					Bogotá-Gregory & Maldonado-Ocampo 2006
Bujurquina vittata (Heckel, 1840)				X					Bogotá-Gregory & Maldonado-Ocampo 2006
Caquetaia kraussii (Steindachner, 1879)	X					X	X	X	MSNG 13010 [ex NMW]; NMW 24543-53, 75391; SMNS 2596; ZMUC 86; ZMUO J2756, J2757
Caquetaia myersi (Schultz, 1944)	X			X					USNM 120533, 120534
Caquetaia umbrifera (Meek & Hildebrand, 1913)						X		X	Maldonado-Ocampo *et al*. 2005, 2006a, Mojica *et al*. 2006b, Ortega-Lara *et al*. 2006a, Villa-Navarro *et al*. 2006
Chaetobranchus flavescens Heckel, 1840				X	X				Lasso *et al*. 2004, Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Ortega *et al*. 2006
Chaetobranchus semifasciatus Steindachner, 1875				X					IAvH-P 5662*
Cichla intermedia Machado-Allison, 1971					X				Lasso *et al*. 2004, Maldonado-Ocampo 2004, Maldonado-Ocampo *et al*. 2006b
Cichla monoculus Spix & Agassiz, 1831				X	X				Lasso *et al*. 2004, Maldonado-Ocampo 2004, Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Maldonado-Ocampo *et al*. 2006b, Ortega *et al*. 2006
Cichla orinocensis Humboldt, 1821				X	X				Lasso *et al*. 2004, Maldonado-Ocampo 2004, Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Maldonado-Ocampo *et al*. 2006b

Taxa	DC	EN	CT	Amz	Ori	Mag-Cauc	Pac	Car	Collections/References
Cichla temensis Humboldt, 1821				X	X				Lasso *et al*. 2004, Maldonado-Ocampo 2004, Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Maldonado-Ocampo *et al*. 2006b
Cichlasoma amazonarum Kullander, 1983				X					Bogotá-Gregory & Maldonado-Ocampo 2006, Ortega *et al*. 2006
Cichlasoma atromaculatum Regan, 1912	X						X	X	BMNH 1910.7.11.83-88
Cichlasoma bimaculatum (Linnaeus, 1758)				X					Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006
Cichlasoma dimerus (Heckel, 1840)				X					Bogotá-Gregory & Maldonado-Ocampo 2006
Cichlasoma gephyrum Eigenmann, 1922	X	X					X		FMNH 58614 [ex CM 7639], 58615 [ex CM 7639]; CAS 66956 [ex IU 14171]
Cichlasoma microlepis Dahl, 1960	X	X					X		ICNMHN 95, 95a
Cichlasoma orinocense Kullander, 1983	X				X				ANSP 127364, 127364, 127397; FMNH 84008; ?NRM 39282
Cichlasoma ornatum Regan, 1905							X		Mojica *et al*. 2004, Ortega-Lara et al 2006b
Cichlasoma taenia (Bennett, 1831)					X				Lasso *et al*. 2004
Crenicara punctulatum (Günther, 1863)				X					Bogotá-Gregory & Maldonado-Ocampo 2006
Crenicichla alta Eiegenmann, 1912				X	X				Lasso *et al*. 2004, Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Maldonado-Ocampo *et al*. 2006b
Crenicichla anthurus Cope, 1872				X	X				Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Ortega *et al*. 2006, Galvis *et al*. 2007ab
Crenicichla geayi Pellegrin, 1903					X				Lasso *et al*. 2004
Crenicichla johanna Heckel, 1840				X	X				Lasso *et al*. 2004, Maldonado-Ocampo 2004, Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Maldonado-Ocampo *et al*. 2006b, Ortega *et al*. 2006
Crenicichla lenticulata Heckel, 1840				X	X				Lasso *et al*. 2004, Maldonado-Ocampo 2004, Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Maldonado-Ocampo *et al*. 2006b
Crenicichla lugubris Heckel, 1840				X	X				Lasso *et al*. 2004, Maldonado-Ocampo 2004, Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Maldonado-Ocampo *et al*. 2006b, Ortega *et al*. 2006
Crenicichla cf. *macrophthalma* Heckel, 1840					X				Lasso *et al*. 2004

Taxa	DC	EN	CT	Amz	Ori	Mag-Cauc	Pac	Car	Collections/References
Crenicichla proteus Cope, 1872				X					Ortega *et al*. 2006
Crenicichla reticulata (Heckel, 1840)					X				Lasso *et al*. 2004
Crenicichla saxatilis (Linnaeus, 1758)				X	X				Lasso *et al*. 2004, Maldonado-Ocampo 2004, Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Maldonado-Ocampo *et al*. 2006b, Ortega *et al*. 2006
Crenicichla strigata Günther, 1862				X					Bogotá-Gregory & Maldonado-Ocampo 2006
Crenicichla sveni Ploeg, 1991	X				X				RMNH 31622, 31623; ZMA 120388
Crenicichla vittata Heckel, 1840				X					Bogotá-Gregory & Maldonado-Ocampo 2006
Crenicichla wallacii Regan, 1905				X	X				Lasso *et al*. 2004, Galvis *et al*. 2007b
Dicrossus filamentosus (Ladiges, 1958)					X				Lasso *et al*. 2004, Maldonado-Ocampo 2004, Maldonado-Ocampo *et al*. 2006b
Dicrossus gladicauda Schindler & Staeck, 2008	X	X			X				MTDF 31312, 33313-18
Dicrossus maculatus Steindachner, 1875					X				Galvis *et al*. 2007a
Geophagus abalios López-Fernández & Taphorn, 2004				X	X				Lasso *et al*. 2004, Bogotá-Gregory & Maldonado-Ocampo 2006
Geophagus brasiliensis (Quoy & Gaimard, 1824)				X					Bogotá-Gregory & Maldonado-Ocampo 2006
Geophagus crassilabris Steindachner, 1876							X		Mojica *et al*. 2004
Geophagus dicrozoster López-Fernández & Taphorn, 2004					X				Lasso *et al*. 2004, Maldonado-Ocampo *et al*. 2006b
Geophagus megasema Heckel, 1840				X					Bogotá-Gregory & Maldonado-Ocampo 2006
Geophagus pellegrini Regan, 1912	X	X					X	X	BMNH 1910.4.11.89, 1910.7 [or 4].11.90; MNHN 1912-0061 [ex BMNH]
Geophagus steindachneri Eigenmann & Hildebrand, 1910	X					X		X	NMW 23289-90
Geophagus surinamensis (Bloch, 1791)				X					Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Ortega *et al*. 2006
Geophagus taeniopareius Kullander & Royero, 1992					X				Lasso *et al*. 2004, Maldonado-Ocampo *et al*. 2006b
Geophagus winemilleri López-Fernández & Taphorn, 2004				X	X				Lasso *et al*. 2004, Bogotá-Gregory & Maldonado-Ocampo 2006
Heroina isonycterina Kullander, 1996				X					Bogotá-Gregory & Maldonado-Ocampo 2006

Taxa	DC	EN	CT	Amz	Ori	Mag-Cauc	Pac	Car	Collections/References
Heros efasciatus Heckel, 1840				X					Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Ortega *et al*. 2006
Heros severus Heckel, 1840				X	X				Lasso *et al*. 2004, Bogotá-Gregory & Maldonado-Ocampo 2006, Maldonado-Ocampo *et al*. 2006b, Ortega *et al*. 2006
Hoplarchus psittacus (Heckel, 1840)				X	X				Lasso *et al*. 2004, Bogotá-Gregory & Maldonado-Ocampo 2006, Maldonado-Ocampo *et al*. 2006b
Hypselacara coryphaenoides (Heckel, 1840)				X	X				Lasso *et al*. 2004, Bogotá-Gregory & Maldonado-Ocampo 2006
Hypselecara temporalis (Günther, 1862)				X					Bogotá-Gregory & Maldonado-Ocampo 2006, Ortega *et al*. 2006
Laetacara flavilabris (Cope, 1870)				X					Bogotá-Gregory & Maldonado-Ocampo 2006, Ortega *et al*. 2006
Laetacara thayeri (Steindachner, 1875)				X					Bogotá-Gregory & Maldonado-Ocampo 2006
Mesonauta egregius Kullander & Silvergrip, 1991	X	X			X				ICNMNH 1686 [ex NRM 43043]; FMNH 92863; NRM 11302, 12280
Mesonauta festivus (Heckel, 1840)				X					Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006
Mesonauta insignis (Heckel, 1840)				X	X				Lasso *et al*. 2004, Bogotá-Gregory & Maldonado-Ocampo 2006, Maldonado-Ocampo *et al*. 2006b, Ortega *et al*. 2006
Mesonauta mirificus Kullander & Silvergrip, 1991				X					Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Ortega *et al*. 2006
Mikrogeophagus altispinosus (Haseman, 1911)				X					Galvis *et al*. 2007b
Mikrogeophagus ramirezi (Myers & Harry, 1948)					X				Lasso *et al*. 2004
Pterophyllum altum Pellegrin, 1903					X				Lasso *et al*. 2004, Maldonado-Ocampo *et al*. 2006b
Pterophyllum leopoldi (Gose, 1963)				X					Bogotá-Gregory & Maldonado-Ocampo 2006
Pterophyllum scalare (Schultze, 1823)				X					Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Ortega *et al*. 2006
Satanoperca acuticeps (Heckel, 1840)				X					Bogotá-Gregory & Maldonado-Ocampo 2006
Satanoperca daemon (Heckel, 1840)				X	X				Lasso *et al*. 2004, Bogotá-Gregory & Maldonado-Ocampo 2006, Maldonado-Ocampo *et al*. 2006b
Satanoperca jurupari (Heckel, 1840)				X					Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Ortega *et al*. 2006

Taxa	DC	EN	CT	Amz	Ori	Mag-Cauc	Pac	Car	Collections/References
Satanoperca leucosticta (Müller & Troschel, 1849)					X				Lasso *et al*. 2004
Satanoperca mapiritensis (Fernández-Yépez, 1950)					X				Lasso *et al*. 2004
Satanoperca pappaterra (Heckel, 1840)				X					Bogotá-Gregory & Maldonado-Ocampo 2006
Symphysodon aequifasciatus Pellegrin, 1904				X					Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Ortega *et al*. 2006
*Uaru amphiacanthoide*s Heckel, 1840				X					Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006
Eleotridae									
Microphilypnus amazonicus Myers, 1927				X	X				Lasso *et al*. 2004, Bogotá-Gregory & Maldonado-Ocampo 2006
Microphilypnus ternetzi Myers, 1927					X				Galvis *et al*. 2007a
Pleuronectiformes									
Achiridae									
Achiropsis nattereri Steindachner, 1876				X					Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006
Achirus achirus (Linnaeus, 1758)				X					Bogotá-Gregory & Maldonado-Ocampo 2006
Achirus novoa Cervigón, 1982					X				Lasso *et al*. 2004, Maldonado-Ocampo 2004, Maldonado-Ocampo *et al*. 2006b
Apionichthys dumerili Kaup, 1858				X					Bogotá-Gregory & Maldonado-Ocampo 2006
Apionichthys menezesi Ramos, 2003					X				Lasso *et al*. 2004
Apionichthys sauli Ramos, 2003	X	X			X				ANSP 176081, 163851-53,163854, 163855-56; MZUSP 52055; UFPB 3596
Hypoclinemus mentalis (Günther, 1862)				X	X				Lasso *et al*. 2004, Maldonado-Ocampo 2004, Mojica *et al*. 2005, Bogotá-Gregory & Maldonado-Ocampo 2006, Maldonado-Ocampo *et al*. 2006b, Ortega *et al*. 2006
Tetraodontiformes									
Tetraodontidae									
Colomesus asellus (Müller & Troschel 1849)				X					Acero & Polanco 2006, Bogotá-Gregory & Maldonado-Ocampo 2006, Ortega *et al*. 2006

Discussion

Diversity and composition

As noted above, research has documented the presence of a total of 1435 species of fishes from the freshwaters of Colombia. Many of the newly described species originated in ichthyologically relatively poorly sampled regions of Colombia. Most prominent among these are the fishes of the Amazonian reaches of the country and to a lesser extent the more thoroughly sampled and studied fishes of the Río Orinoco basin. Notwithstanding more than two centuries of research on the fishes of the trans-Andean drainages, those river systems also continue to yield new species. Often unappreciated is the fact that many, indeed perhaps the majority, of Neotropical freshwater species described in recent decades were long represented, albeit unidentified or misidentified in the collections of museums, universities, and research centers. Amply exemplifying this problem are a series of freshwater fish species from Colombia described in this millennium (e.g., *Apteronotus eschmeyeri* de Santana, Maldonado-Ocampo, Severi & Mendes, 2004; *Apteronotus milesi* de Santana & Maldonado-Ocampo, 2005; *Cetopsis fimbriata* Vari, Ferraris & de Pinna, 2005; *Creagrutus calai*, Vari & Harold 2001; *Cruciglanis pacifici*, Ortega-Lara & Lehmann 2006; *Gymnotus choco* and *G. henni* Albert, Crampton & Maldonado, 2003; *Megalonema orixanthum* Lundberg & Dahdul 2008; *Pseudobunocephalus lundbergi* Friel 2008; *Pseudoplaystoma magdaleniatum, P. metaense* and *P. orinocoense* Buitrago-Suárez & Burr 2007). Dozens of other Colombian freshwater fish species as-of-yet unknown to science undoubtedly await discovery in the collections of museums and universities around the world.

Leaving aside for the present the possibly numerous fish species that remain undiscovered and/or undescribed from Colombian freshwaters, it is noteworthy that the 1435 species known from such habitats represent approximately 5% of the circa 28,400 valid species of fishes estimated to occur worldwide in both freshwater and marine environments (Nelson 2006). In and of itself, this percentage is striking, but the totality of Colombian freshwater fishes is all the more impressive when considered within the context of the diversity of fish species known to inhabit the streams, rivers, wetlands, and lakes across the breadth of Central and South America. Inhabiting those numerous drainage systems are somewhat less than 5000 recognized species (Reis *et al*. 2003; Species of Fishes). Therefore, the drainage systems of Colombia are home to approximately 29% of the fishes living in all the freshwater systems between the southern border of Mexico and the southern most portions of Argentina and Chile. Many areas within that broad realm are admittedly less hospitable for freshwater fishes than are most regions in Colombia (e.g., deserts of the trans-Andean portions of Peru and Chile). Nonetheless, the fact that over one-quarter of all Neotropical freshwater fishes occur in Colombia is remarkable when one considers the size of the landmass of that country relative to the total area of Central and South America.

Particularly telling is the number of Colombian species considered within the context of the freshwater ichthyofaunas of adjoining regions (Table 3), more so when evaluated in terms of relative geographic areas. An obvious candidate for this comparison is Brazil, a country that borders Colombia, has to a large degree comparably broad ranges of continental aquatic habitats, and which had its freshwater fish fauna recently summarized. A recent compendium of the freshwater fishes of Brazil (Buckup *et al*. 2007) recognized approximately 2600 species in that country. Although the number of continental fish species known from Brazil (2600 species) is circa 1.9 times the number of species detailed in this study for Colombia (1435 species), the land expanse of Brazil is eight times larger than that of Colombia. Thus, on a per square kilometer basis, the freshwater fish fauna of Colombia is on the order of 4.3 times more speciose than that of Brazil. One must not read too much into this ratio in light of the numerous uncertainties involving the number of freshwater species resident in South America and the often-demonstrated major gaps in our knowledge of their actual geographic distributions. Nonetheless, this comparison highlights the species richness of the continental Colombian fish fauna even within the context of the South American freshwater fish ichthyofauna; the richest of any continent. Beyond the sheer number of species within Colombia relative to its

Table 3. Diversity of fishes of selected South American countries.

Country	# Species	Source
Brazil	2587	Buckup *et al*. 2007
Colombia	1435	This work
Venezuela*	1198	Lasso *et al*. 2004c
Peru***	1000	Ortega & Hidalgo 2008
Ecuador	706	Barriga 1991
Uruguay**	670	Nion *et al*. 2002
Bolivia	635	Ibisch & Merida 2003
Argentina	438	López & Miqularena 2005
Chile	44	Habit *et al*. 2006

*Include some euryhaline and marine forms. ** Include marine forms. *** Include exotic species

size, the diversity of major groups of fishes that contribute to that fauna is impressive, with these ranging from chondrichthyans to tetraodontiforms.

Endemic species

The designations of endemic species in the present work (311 species), run the gamut of degrees of certainty. In some instances, we confidently consider these species as true endemics for Colombia based on recent comprehensive species-level analyses. Species that we can identify with certainty as limited to Colombia differ dramatically in the extent of their distributions within that country. At one extreme, we have forms with broad distributions through several rivers to the west of the Andean Cordilleras (e.g., *Prochilodus magdalenae* Steindachner, 1879, in the Ríos Atrato, Cauca, Magdalena, and Sinú). Yet other likely endemics occur in restricted portions of some of major river basins (e.g., *Callichthys fabricioi* Román-Valencia, Lehmann & Muñoz, 1999, *Genycharax tarpon* Eigenmann, 1912, *Parodon caliensis* Boulenger, 1895, and *Apteronotus magdalenensis* (Miles, 1945) within the Río Magdalena basin; *Spatuloricara atratoensis* Schultz, 1944, in the Río Atrato; *Malacoglanis gelatinosus* Myers & Weitzman, 1966, in the Río Caquetá; and *Apistoloricaria listrorhinos* Nijssen & Isbrücker, 1988, in the Río Meta). The last three of these species have not been collected since their original descriptions (Mojica *et al*. 2002). Finally, there are a number of Colombian endemic fish species with known distributions restricted to small rivers such as the Río Jurubidá of the Pacific versant [e.g., *Apteronotus jurubidae* and *Cetopsis jurubidae* (Fowler, 1944)].

More problematic, when it comes to the question of actual within country endemicity, are species now known solely from Colombia, but that dwell in drainage basins that extend into the territory of other countries. Most significant in that regard are the Río Orinoco and Río Amazonas systems and the Lago Maracaibo basin. The ichthyofaunas in those major systems are far from well known; a generality that particularly applies to the Orinoco and Amazon basins, most notably the latter. Many often speciose genera in these basins are still poorly resolved taxonomically at the species level and with species distributions inadequately demarcated. In these instances, there is a distinct possibility that a species now known only from the Colombian portions of one of those basins actually has a distribution extending into Brazil, Ecuador, Peru, Venezuela or some combination of those countries (Amazon basin) or into Venezuela (Río Orinoco or Lago Maracaibo basins). Similarly, it is also possible that species now reported only from far northwestern Colombia (Río Atrato basin), might extend into Panama or beyond. Such trans-border distributions occur in some freshwater species analyzed in recent years (e.g., *Ctenolucius beani*, Vari, 1995: fig. 26). In a comparable fashion, species that inhabit the coastal rivers of the Pacific slope of southwestern Colombia such as the Río Patia and Río Mira basins and sometimes more northerly basins will occasionally also occur in the drainages of Esmeraldas Province of northwestern Ecuador (e.g., *Pseudochalceus longianalis*, Géry, 1972; *Pseudocurimata lineopunctata*, Vari, 1989: fig. 26). Thus, when using the Checklist it is critical to keep in mind that citations of a species as being restricted to the freshwater systems of Colombia are often at best a tentative hypothesis based on the present incomplete knowledge of the freshwater fishes in the countries of northwestern South America. A prime example of the scale of the uncertainty is the recently reported occurrence of the very distinctive genus *Lepidosiren* Fitzinger, 1837 in the Orinoco basin (Bogotá-Gregory & Maldonado-Ocampo 2006b). Collecting efforts are necessary in the Río Tomo and adjoining regions in order to confirm the presence of this species in the Orinoco basin. At the same time, the literature is replete with erroneous citations of species from a country or region based on misidentifications or unfamiliarity with recent revisionary publications.

Type localities

The preponderance of type locations within the trans-Andean regions of the country reflects the historical emphasis on exploration for fishes in that region, with that focus extending back to the colonial period (Humboldt 1805a,b). A likely primary factor accounting for this geographic focus was the greater accessibility to that portion of the country to ichthyological collectors during that era. This tendency to focus on the fishes of the rivers of the trans-Andean region continued past independence as evidenced by the Steindachner's publications (1878, 1880) on fishes of the Río Magdalena and Río Cauca basins. Eigenmann's collecting expeditions and the publications resulting from the fishes that he collected (1912, 1913, 1914a, 1914b, 1914c, 1917a,b, 1920a, 1920b, 1921, 1924) similarly largely focused on the regions west of the Cordillera Occidental. As would be expected from its geomorphological complexity, the trans-Andean regions has a proportionally high number of discrete river systems that are home to a high percentage of endemic species; a factor that further increases the number of species known from the western drainages.

Type localities for a number of species are inexact or in some instances incorrect, an issue that complicates the determination of species ranges. Resolution of the identity of various species is further complicated by type series that are in poor condition or in some instances unknown. The problem of lost type series of Colombian fishes is particularly prevalent among the species described by

Dahl and Miles. As discussed by Cala (1981) and apparent from the information in the Checklist, many type series of species described by those authors remain missing notwithstanding attempts to locate that material by Cala and other Colombian ichthyologists. It seems unlikely that these series are still extant other than for paratypes of some of Mile's species that he deposited in North American collections. Resolution of many systematic problems involving the affected nominal freshwater species, thus, necessitates the collection of new, preferably topotypic, samples in order that those nominal species can be thoroughly redescribed.

Why so many species?

Many factors contribute to the relative richness of the Colombian fish fauna, with a few of likely major importance. Paramount among these is the large number of independent drainage systems that fall, at least in part, within the boundaries of the country. Not only does Colombia include within its borders the Río Magdalena, by far the largest river system of trans-Andean South America, but it also encompasses significant portions of several major cis-Andean drainage basins. Particularly prominent is the Amazon basin, with the mainstream Río Amazonas forming the boundary of the far southern reaches of Colombia. Equally important in terms of the contributions of that basin to the overall national fish fauna is the fact that the remaining Amazonian portions of Colombia encompass headwaters of both the western tributaries of the main Amazon River (Río Putumayo, Río Caquetá and its tributary Río Apaporis) and the Río Negro, the major northern tributary of the Amazon. The Río Putumayo and Río Caquetá differ to varying extents in the composition of their fish faunas from the Río Negro and its tributaries the Río Vaupés and Río Guainía and to degrees from the ichthyofauna of the mainstream Amazon. Thus, each of these river systems (Ríos Caquetá, Negro, and Putumayo) contributes many unique species to the totality of the Colombian freshwater fish fauna.

The more northerly portions of the eastern reaches of Colombia also include a major portion of the species rich Río Orinoco basin. The expanses of the Río Orinoco system include a diversity of habitat types and the basin has a complex geological history including a broad connection with the Rio Amazonas system until the Miocene (Hoorn 1994; Hoorn *et al*. 1995). The tectonically driven separation of the Orinoco and Amazon presumably set the stage for the subsequent evolution of the significant differences in the composition of the ichthyofaunas in those basins. Although the species rich Río Orinoco is connected to the south-flowing Rio Negro of the Amazon basin via the Río Casiquiare, the gradient in water types within the mainstream of the Río Casiquiare serves as a semi-filter to ichthyofaunal exchange between the Orinoco and Amazon basins (Winemiller *et al*. 2008) with consequent differences in those faunas. As in apparent from Figure 1, the Colombian portions of the Río Orinoco include a complex of large river systems (Ríos Guaviare, Inírida, Meta, Arauca, Tomo, Tuparro). Some of these drain lower elevation regions of the Orinoco basin (e.g., Río Tomo) whereas others extend to the Andes (e.g., Río Guaviare). In a preliminary study, Lasso *et al*. (2004b) delimited 18 biogeographic regions within the Orinoco basin based on differences in the composition of the fish fauna. Of that total, nine regions fall within the Colombian portion of the Orinoco basin. The underlying differences in the ichthyofauna across that region in combination with geographical gradients, complex hydrology, and history contribute to the significant degree of species-level endemicity in the Orinoco basin. That river system is consequently a major contributor to the total number of species in the Colombian ichthyofauna (Lasso *et al*. 2004a; Galvis *et al*. 2007a).

The final and smallest of the cis-Andean Colombian river systems is the Río Catatumbo that lies within the southwestern portion of the Lago Maracaibo basin. The fishes in the river systems of the Lago Maracaibo basin are all specifically distinct for those groups of fishes recently comprehensively revised. Notwithstanding its relatively small size, the Río Catatumbo, thus, contributes a number of species to the Colombian fish fauna.

The trans-Andean region of Colombia had a particularly complex geological history (Hoorn *et al*. 1995). Tectonic events associated with the uplift of the Andean cordilleras produced multiple now isolated trans-Andean river systems, albeit with differing levels of possible interconnectedness in the past. In size, these drainages range from the northern-flowing Río Magdalena, the largest drainage in trans-Andean South America, through intermediate sized rivers such as to Río Atrato, to the numerous smaller rivers and streams that drain the Pacific and Caribbean versants of Colombia.

Superimposed on the topographic changes in Colombia and adjoining regions were major shifts in climatic conditions through time (Baker *et al*. 2001). Shifts in climate resulted, in turn, in episodic expansions and contractions of habitat suitable for the different groups of fishes within the then extant drainage basins (Fernández & Schaefer 2005; Smith & Bermingham 2005). The synergy of these large-scale geomorphological and climatic factors set the stage for the evolution of the numerous species of fishes now that are endemic to varying geographic scales within the drainage basins of Colombia.

Further contributing to the species-level richness of the continental Colombian fish fauna is the diversity of water types in the drainages of the country. Underlying soil types varying in acidity, dissolved solids, and available nutrients result in often dramatically different water chemistries both between and within river basins. Major drainage system types include white water streams and rivers carrying significant suspended sediment loads eroded from the slopes of the Andes and piedmont uplands, various clear water drainages, and acidic blackwater rivers that course through and drain lowland rain forests. Many fish species are specialized physiologically and anatomically for life in particular water types; an association reflected in their geographic distributions. This results in major shifts in the composition of fish faunas at both the species and generic levels between rivers of different water types. Pronounced ranges in the relative fish biomass often parallel the differences in water types. These phenomena of varying community composition and relative biomass occur to differing degrees across the spectrum from major river systems (e.g., the black water Rio Negro, Goulding *et al*. 1988) to much more limited drainage scales, sometimes with variation even within smaller river basins (Arbeláez *et al*. 2008).

Soil types not only affect water chemistry and levels of suspended solids, but directly influence the form of the riparian vegetation (e.g., rainforest versus savanna) bordering water bodies; variation that, in turn, has consequences for the ichthyofauna. Alternative types of vegetation along margins of watercourses result in different degrees of shading, a factor affecting the presence versus absence of some species of fishes. Differing forms of riparian vegetation also determine the type and levels of allochthonous animal and plant items input into water bodies. Many species of fishes are specialized to exploit particular types of animals and plant matter that falls into streams and water bodies, with alternative food items leading to differences in fish community composition. Similarly, variation in the type of plants bordering a water body results in differences in substrates and subaquatic habitat complexity (leaves and woody detritus of differing scales; varying degrees of submerged parts of terrestrial plants along water margins) utilized by different species of fishes. Those allochthonous factors further contribute to differences in the composition of fish communities.

The range in topographic relief within Colombia results in pronounced differences in water conditions beyond water chemistry and is yet another factor contributing to the speciose nature of the freshwater ichthyofauna of the country. Numerous of the species of freshwater fishes in that fauna are specialized for the lentic water conditions common in the rivers, ciénagas (ponds and swamps), and wetlands barely above sea level along the lower reaches of the streams and rivers draining the Caribbean and Pacific slopes of the country. Similar lentic systems are common in the llanos (floodplains) of the Río Orinoco basin and in Amazonian lowlands. Yet other species are adapted for life in the more rapidly flowing mid-elevation rivers and streams of the piedmonts of the Andean Cordilleras and isolated uplands such as the Sierra Nevada de Santa Marta and the Serranias de La Macarena and Chiribiquete. At the other extreme are dozens of species with the morphological, physiological, and behavioral adaptations prerequisite for dwelling in the swift-flowing Andean rivers and streams in the western, central, and eastern cordilleras (Maldonado-Ocampo *et al*. 2005) and the Sierra Nevada de Santa Marta. Differences in stream structure often correlate with elevational gradients and further influence the distribution of many species. The sum of the differences in velocity, water temperature, and primary productivity across the drainage systems of Colombia result in fish communities that differ not only in species-level richness and composition, but also in overall fish biomass.

Future Directions

Neotropical ichthyology is a dynamic research field with the pace of formal descriptions of new species of freshwater fishes accelerating (over 80 new species described during 2007; Catalog of Fishes). Some of the new species described in recent years originated from locations within Colombia. In many other instances, the samples of the new nominal forms originated from portions of the Río Orinoco, Río Amazonas, and Lago Maracaibo basins variably proximate to the borders of Colombia. The distribution of many of these species likely extends into Colombia notwithstanding the present lack of records from that country.

Arriving at a definitive listing of the species of fishes inhabiting Colombian freshwaters is a long-term endeavor necessitating progress along two primary fronts. Attaining that goal first requires a thorough sampling of all continental aquatic systems in Colombia. Various freshwater systems in Colombia, particularly in the vast cis-Andean region remain inadequately collected ichthyologically. Nonetheless, we must not lose sight of the fact that even river systems that have been long the foci of ichthyological sampling continue to yield new species of fishes. Equally, or more, critical for arriving at an approximation of the species-level diversity are comprehensive revisionary studies encompassing all genera and families living in Colombian and indeed Neotropical freshwaters (Vari & Malabarba 1998). Recent comprehensive species-level analyses have demonstrated that forms previously believed to have broad geographic distributions in Colombia and adjoining countries are in many instances instead multi-species complexes (e.g.,

the multiple species in what was previously recognized as *Creagrutus beni* Vari & Harold 2001: 78). Revisionary studies on that scale furthermore often reveal that long recognized species sometimes dramatically underestimate the actual number of species present in a genus. One example involves the 67 now recognized species of *Creagrutus*; a number three and one-half times the 19 species recognized in the genus prior to 1994 (Harold & Vari 1994; Vari & Harold 2001; Vari & Lima 2003; Ribeiro *et al*. 2004; Torres-Mejía & Vari 2005). Comprehensive revisions are also invaluable in furthering the identification of additional previously unrecognized species by subsequent researchers (Reis 2004); a phenomenon illustrated for Colombia by *Creagrutus* (Torres-Mejía & Vari 2005).

Conservation challenges

Any compendium of the ichthyofauana of any major region in the Neotropics will at present underestimate the actual species-level diversity. The degree to which the count of freshwater fish species in this Checklist falls short of the actual total is impossible to estimate given the dramatically speciose nature of the fish fauna, most of which has yet-to-be critically analyzed. Compounding the problem are the major regions of the country and specialized habitats (e.g., deep river channels) that remain unexplored ichthyologically to varying degrees. Notwithstanding those limitations, the evidence at hand demonstrates that many of the fish species reported from the rivers, streams, wetlands, and lakes of Colombia are threatened to varying degrees, a pervasive problem for freshwater ichthyofaunas world-wide (Millennium Ecosystem Assessment 2005; Revenga *et al*. 2005). Indeed, the evidence documents that freshwater fishes are the most threatened group of vertebrates across the world (Dudgeon *et al*. 2005; Chapman *et al*. 2008). Deleterious anthropogenic activities impacting the Colombian freshwater ichthyofauna include overfishing for human consumption and the aquarium trade, introductions of exotic species, movement of native species between separate drainage systems, pollution from diverse sources, impoundments, mining activities either directly in river channels or causing increased siltation, diversion of water for agricultural, domestic, and industrial purposes, deforestation with consequent changes in annual flow patterns and water quality within drainage basins, and numerous other smaller scale impacts.

Incomplete data hampers our efforts to estimate the true scale of these anthropogenic impacts at both local and national scales. Nonetheless, available information indicates that some Colombian fish species have gone extinct (*Rhizosomichthys totae*, Mojica *et al*. 2002; *Trichomycterus venulosus*, Prada-Pedreros *et al*. 2006; *Notarius bonillai*, Acero & Betancur 2006) and that many are threatened (Mojica *et al*. 2002). Many threatened species had historically limited geographic ranges and likely smaller populations, factors that increased their vulnerability to habitat modification, fisheries, and other deleterious human activities. Alternatively, anthropogenic activities adversely affected other endangered species notwithstanding their originally extensive populations and relatively broad distributional ranges (see Mojica *et al*. 2002).

An understanding of the diversity of the freshwater ichthyofauna of Colombia is crucial so that scientists, policy makers, resources managers, and members of the public can better evaluate the impact of man's activities on the freshwater fishes within the country. Although still incomplete, this Checklist provides as a baseline for continuing studies of Colombian inland fishes. Future research will result in additions to, and refinements of, our knowledge of that species-level diversity of that fauna, major components of which remain poorly understood or in many instances unknown. This listing will also provide the foundation for additional studies of all aspects of the ecology, life history, conservation, and sustainable use of the freshwater ichthyofauna of Colombia.

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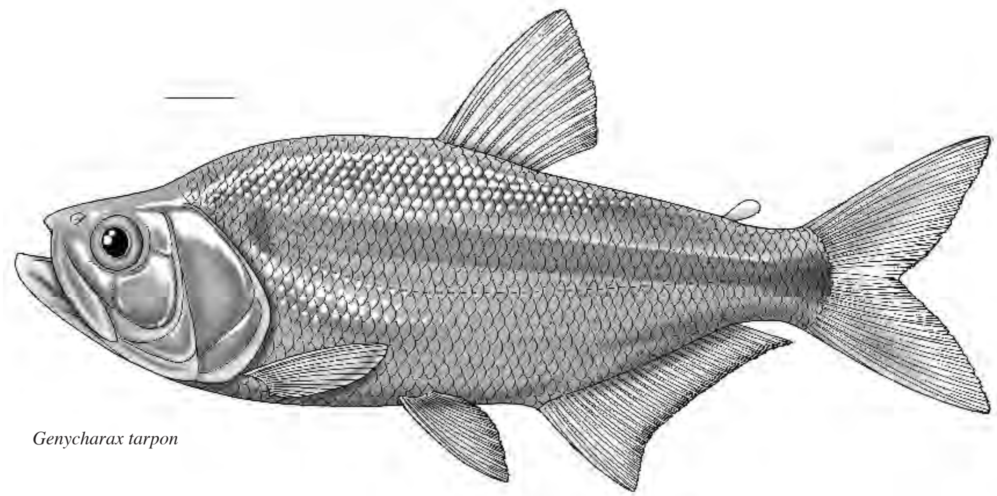
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  - ***Journals:*** *Agosti D., C. R. F. Brandao, S. Diniz 1999 The New World species of the subfamily Leptanilloidinae (Hymenoptera: Formicidae) Systematic Entomology 24:14-20*
  - ***Books:*** *Watkins W. F. Jr. 1976 The identification and distribution of New World Army Ants Waco, Texas, 102pp.*
  - ***Chapters****: Fernández F., E. E. Palacio, W. P. MacKay 1996 Introducción al estudio de las hormigas (Hymenoptera: Formicidae) de Colombia pp.349-412 In: G. D. Amat, G. Andrade, F. Fernández (eds.) Insectos de Colombia, Estudios Escogidos Academia Colombiana de Ciencias Exactas, Físicas y Naturales & Centro Editorial Javeriano, Bogotá D.C.*
- *Use periods to separate author from year, year from title, etc. In the case of several authors, separate them by commas; do not use &, y, or and before the last author. The volume, issue, and page numbers should be presented in continuous format, without spacing. Check all citations for names, accent marks, and spelling. In the case of journal articles, write the full name of the journal, without abbreviations. Do not use hanging indents or underlining in the bibliography.*
- *To refer to numbers within the text, write only the numbers from one to ten in words (e.g., five species), unless combining with other numbers or measures (e.g., 3 genera and 7 species; 8 km^2). Use commas to separate thousands (with the exception of 1000), and commas for decimal points. For percentages, use the symbol % followed by the value, without spaces.*
- *Within the text, refer to personal communication or observations in the following way: E. Palacio (pers. comm.); (E. Palacio, pers. comm.); C. Sarmiento (pers. obs.); (C. Sarmiento, pers. obs.).*
- *In Neotropical or national lists, use the standardized abbreviations at the end of this issue. If possible, use different columns for geopolitical and biogeographical subdivisions. When using several abbreviations for the same record, order them alphabetically and separate them by spaces. DO NOT USE COMMAS (e.g., am cq gn vu).*
- *If, in the Distribution column of national lists, you use a different biogeographical referent from 'region'; you must provide an alternative abbreviations key. If the biogeographical system you use has been published previously in earlier issues of the journal, it is recommended that you use the same key for the abbreviations.*
- *Read the complete guidelines before submitting a manuscript for evaluation. If you have any questions, do not hesitate to consult the editor of* Biota Colombiana.

[1] *The editor and members of the editorial committee reserve the right to select the reviewers for each manuscript and to choose anonymous reviewers different from those initially suggested by the author(s).*

Índice temático Vol. 9 / *Subject index Vol. 9*

Índice de autores Vol.9 / *Authors index Vol. 9*

Tabla de contenido / *Table of contents*
Vol. 9 (1), 2008

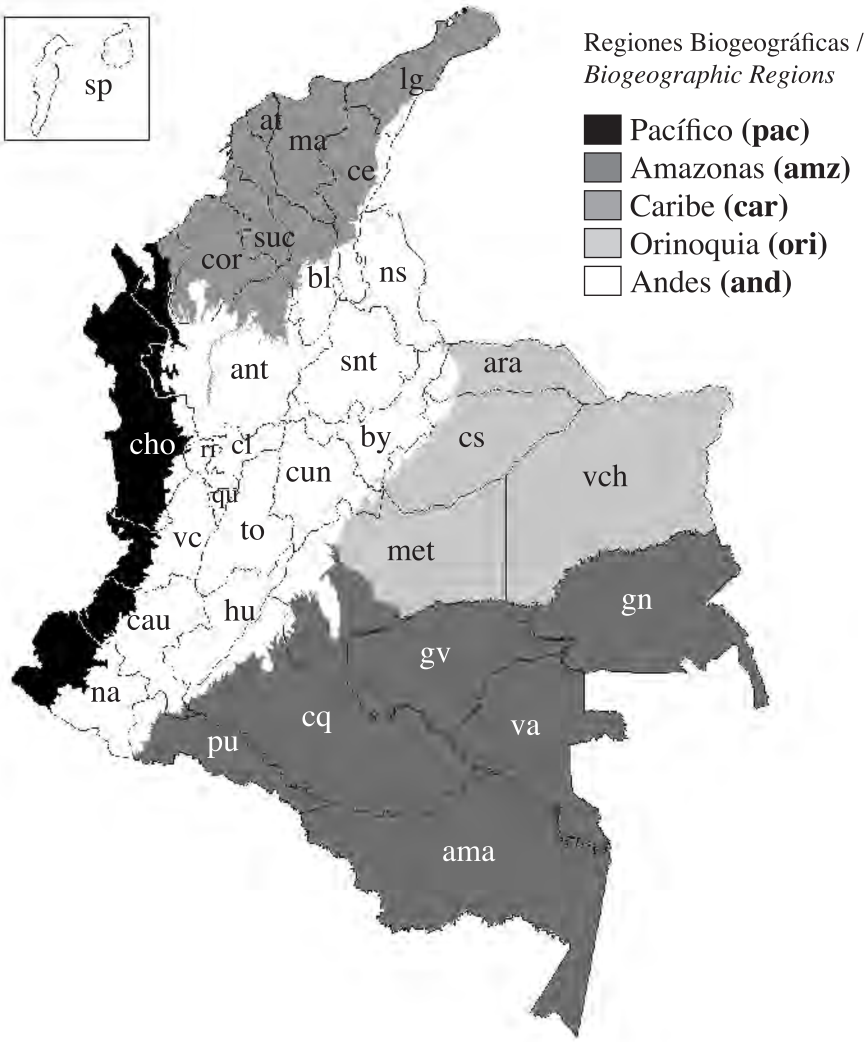
LISTADOS TAXONÓMICOS / *TAXONOMIC LISTS*

NOTA BREVE / *BRIEF NOTE*

Tabla de contenido / *Table of contents*
Vol. 9 (2), 2008

LISTADOS TAXONÓMICOS / *TAXONOMIC LIST*

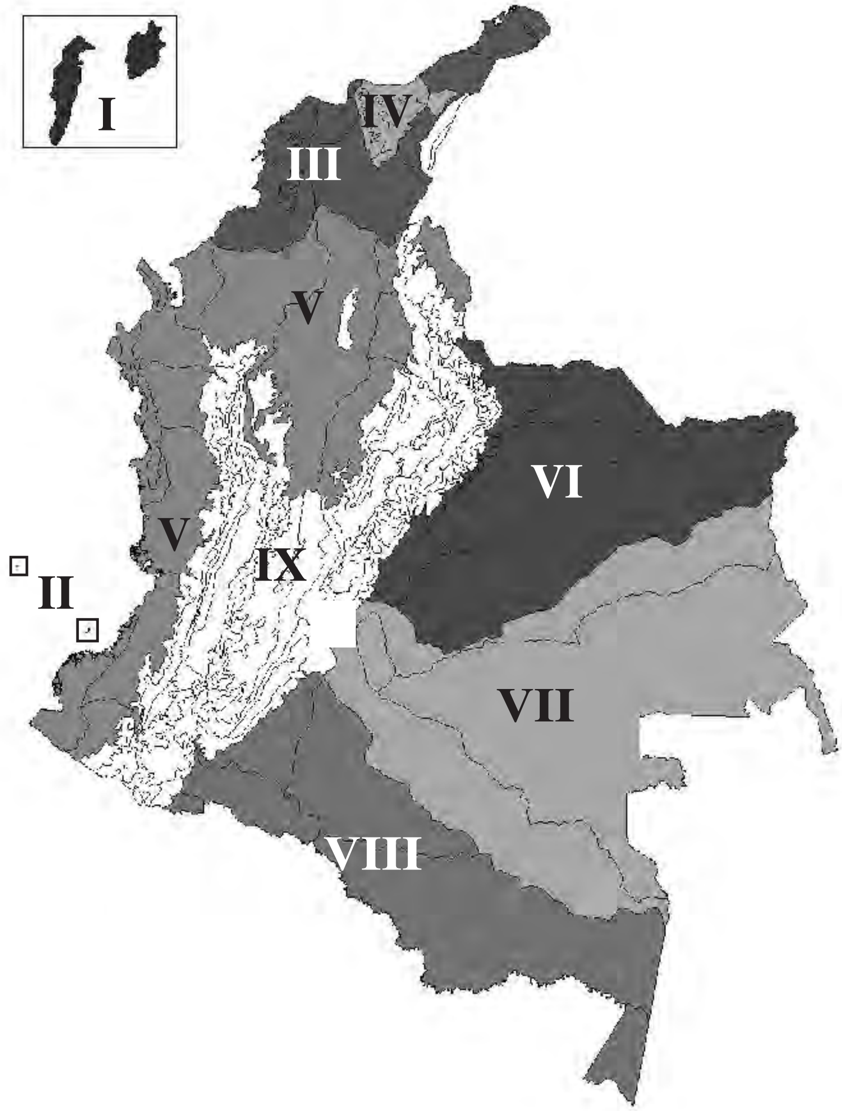
Departamentos y Regiones Biogeográficas Continentales de Colombia
Geopolitical Distribution and Continental Biogeographic Regions of Colombia



Departamentos / ***Departments***

Amazonas	ama	**Huila**	hu
Antioquia	ant	**La Guajira**	lg
Arauca	ara	**Magdalena**	ma
Atlántico	at	**Meta**	met
Bolívar	bl	**Nariño**	na
Boyacá	by	**Norte de Santander**	ns
Cauca	cau	**Putumayo**	pu
Cesar	ce	**Quindío**	qu
Caldas	cl	**Risaralda**	ri
Córdoba	cor	**Santander**	snt
Caquetá	cq	**San Andrés y Providencia**	sp
Casanare	cs	**Sucre**	suc
Cundinamarca	cun	**Tolima**	to
Chocó	cho	**Vaupés**	va
Guainía	gn	**Valle del Cauca**	vc
Guaviare	gv	**Vichada**	vch

Unidades Biogeográficas de Colombia / *Biogeographic units of Colombia*

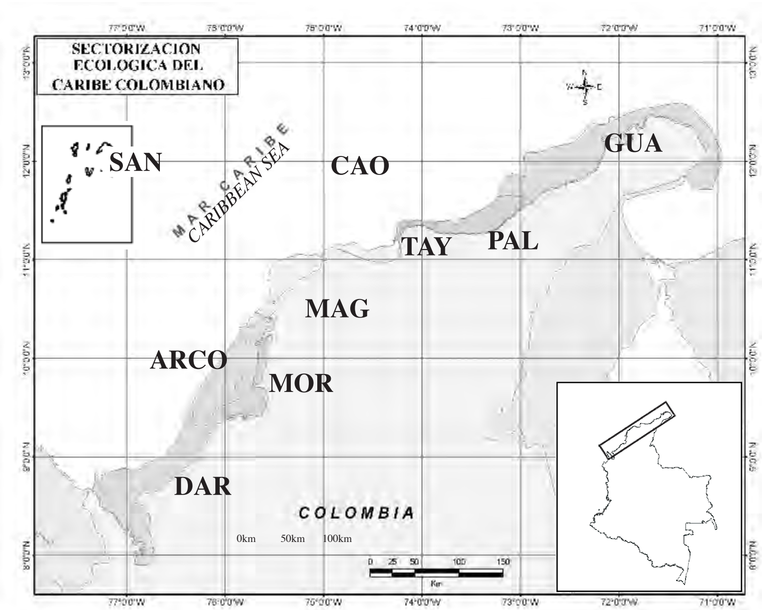


Unidades Biogeográficas / *Biogeographic Units*

Territorios Insulares Oceánicos Caribeños / *Caribbean Oceanic Insular Territories*	**I**
Territorios Insulares Oceánicos del Pacífico / *Pacific Oceanic Insular Territories*	**II**
Cinturón Arido Pericaribeño / *Arid Peri-Caribbean Belt*	**III**
Macizo de la Sierra Nevada de Santa Marta / *Massif of the Sierra Nevada de Santa Marta*	**IV**
Provincia del Chocó-Magdalena / *Choco-Magdalena Province*	**V**
Provincia de la Orinoquia / *Orinoquia Province*	**VI**
Provincia de la Guyana / *Guyana Province*	**VII**
Provincia de la Amazonia / *Amazonian Province*	**VIII**
Provincia Norandina / *North-Andean Province*	**IX**

Tomado de: Hernández J., A. Hurtado, R. Ortiz, T. Walschburger 1991 Unidades Biogeográficas de Colombia En: Hernández J., R. Ortiz, T. Walshburger, A. Hurtado (Eds.) Estado de la Biodiversidad en Colombia Informe Final Santafé de Bogotá, Instituto Colombiano para el Desarrollo de la Ciencia y la Tecnología "Francisco José de Caldas" – Colciencias

Paisaje Natural Marino del Atlántico y Pacífico / *Natural Marine Landscape of the Atlantic and Pacific*

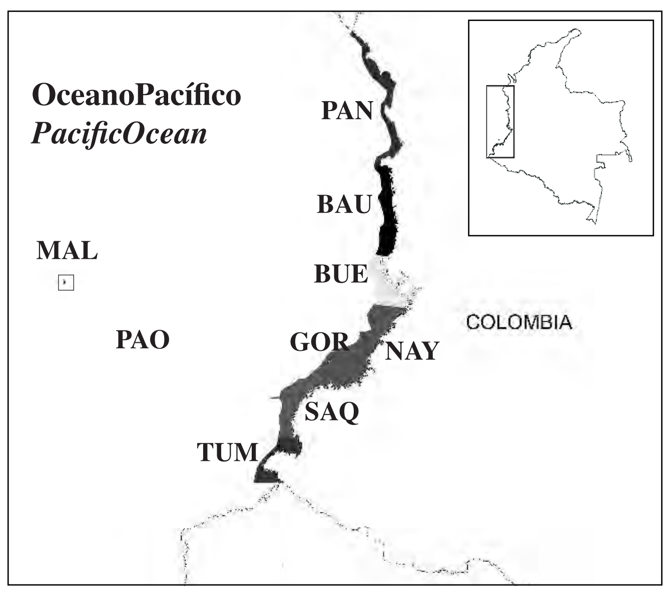


Paisaje Natural Marino - Atlántico
Natural Marine Landscape - Atlantic

Archipiélagos Coralinos / *Reef Archipielago*	ARCO
Caribe Oceánico / *Oceanic Carib*	CAO
Darién / *Darién*	DAR
Guajira / *Guajira*	GUA
Magdalena / *Magdalena*	MAG
Morrosquillo / *Morrosquillo*	MOR
Palomino / *Palomino*	PAL
San Andrés y Providencia / *San Andres and Providencia*	SAN
Tayrona / *Tayrona*	TAY

Paisaje Natural Marino - Pacífico
Natural Marine Landscape - Pacific

Baudó / *Baudo*	BAU
Buenaventura / *Buenaventura*	BUE
Gorgona / *Gorgona*	GOR
Malpelo / *Malpelo*	MAL
Naya / *Naya*	NAY
Pacífico Norte / *North Pacific*	PAN
Pacífico Oceánico / *Oceanic Pacific*	PAO
Sanquianga / *Sanquianga*	SAQ
Tumaco / *Tumaco*	TUM



Tomado de: INVEMAR (2000) Instituto de Investigaciones Marinas y Costeras "José Benito Vives de Andréis. Programa Nacional de Investigación en Biodiversidad Marina y Costera PNIBM. Editado por Juan Manuel Díaz Merlano y Diana Isabel Gómez López. Santa Marta: INVEMAR, FONADE, MMA. 83 p.

Abreviaturas de Países / *Countries Abbreviations*



Países / ***Countries***

Antillas Mayores / *Greater Antilles*	**am**
Antillas Menores / *Lesser Antillas*	**an**
Argentina / *Argentina*	**ar**
Bahamas / *Bahamas*	**bh**
Belice / *Belize*	**be**
Bolivia / *Bolivia*	**bo**
Brasil / *Brazil*	**br**
Colombia / *Colombia*	**co**
Costa Rica / *Costa Rica*	**cr**
Cuba / *Cuba*	**cu**
Chile / *Chile*	**ch**
Ecuador / *Ecuador*	**ec**
El Salvador / *El Salvador*	**es**
Estados Unidos / *United States*	**eu**
Guyana Francesa / *French Guiana*	**gf**
Guyana / *Guyana*	**gi**
Guatemala / *Guatemala*	**gu**
Honduras / *Honduras*	**ho**
Jamaica / *Jamaica*	**ja**
México / *Mexico*	**me**
Nicaragua / *Nicaragua*	**ni**
Perú / *Peru*	**pe**
Panamá / *Panama*	**pn**
Paraguay / *Paraguay*	**pr**
Surinam / *Suriname*	**su**
Trinidad y Tobago / *Trinidad and Tobago*	**tt**
Uruguay / *Uruguay*	**ur**
Venezuela / *Venezuela*	**vn**

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LISTADOS TAXONÓMICOS / *TAXONOMIC LIST*

NUEVOS TAXA / *NEW TAXA*

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